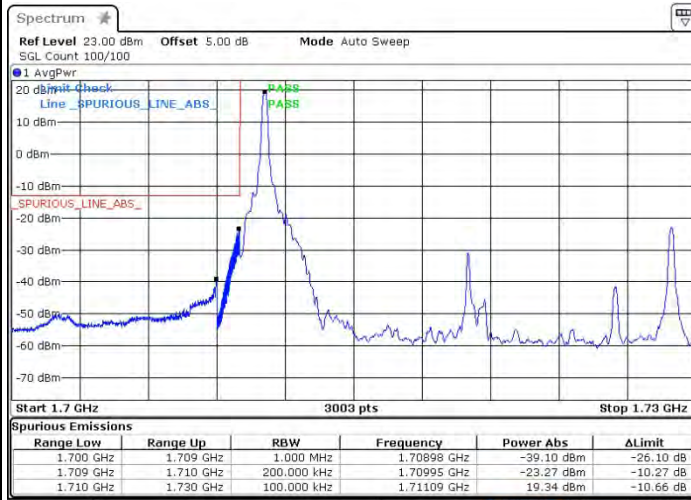


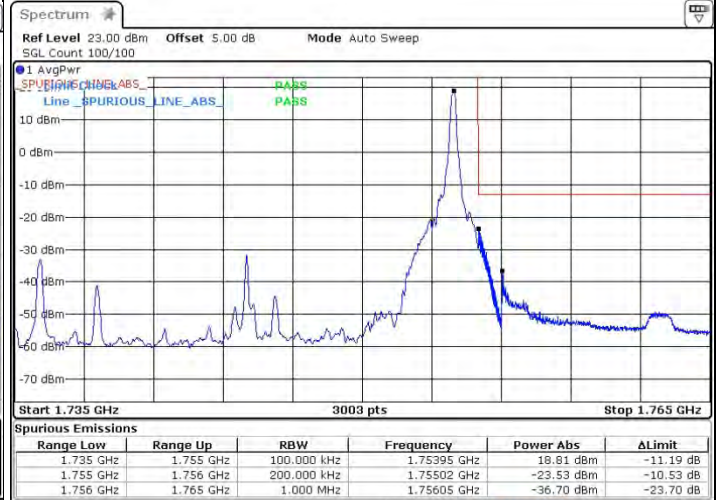


LTE Band 4 / 20MHz / QPSK

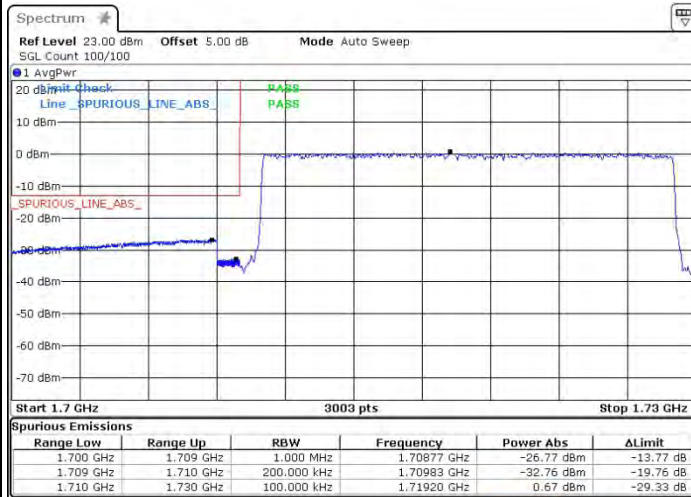
Lowest Band Edge / 1 RB



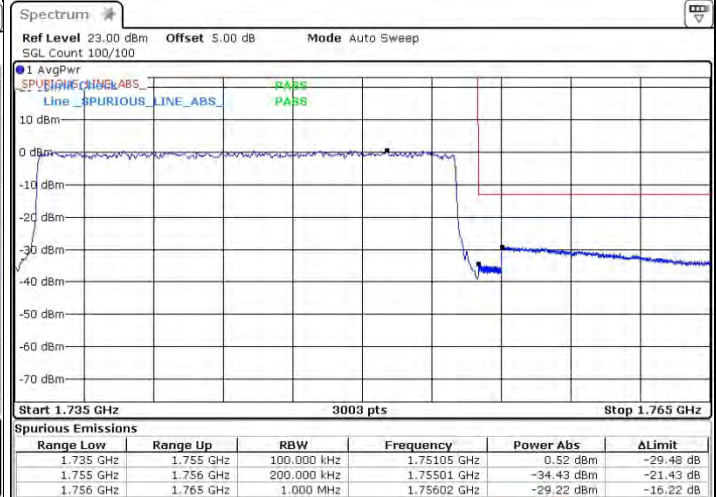
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



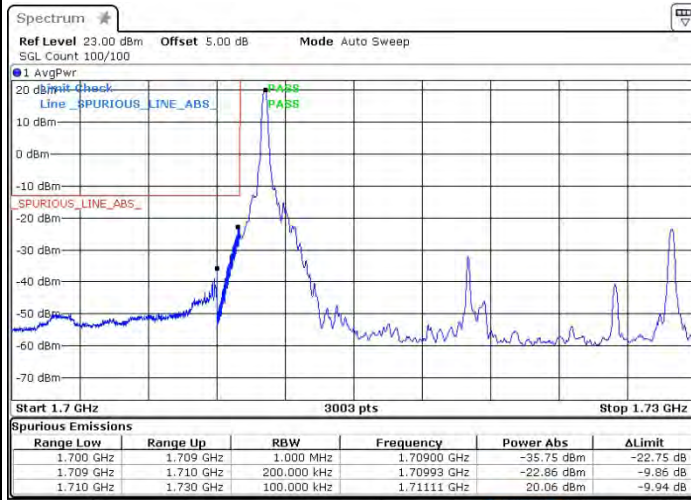
Highest Band Edge / Full RB



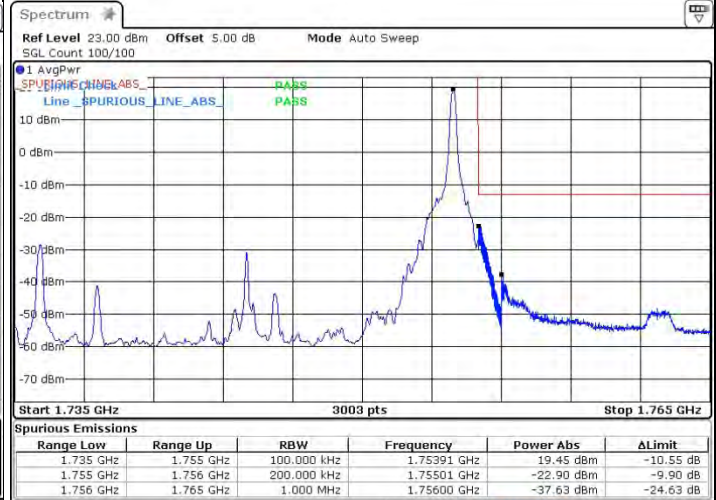


LTE Band 4 / 20MHz / 16QAM

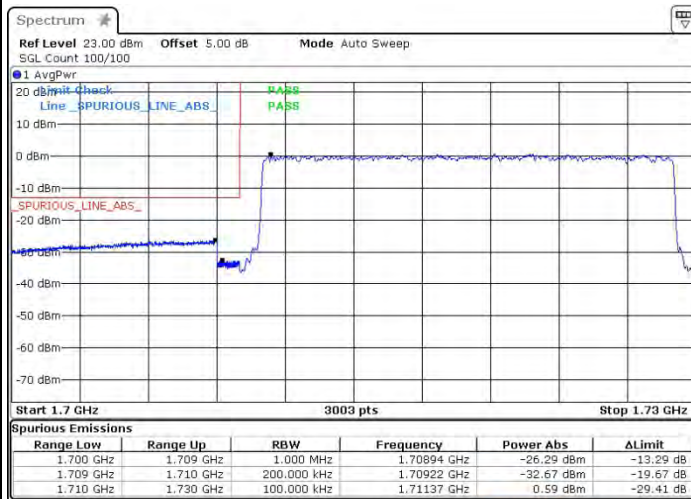
Lowest Band Edge / 1 RB



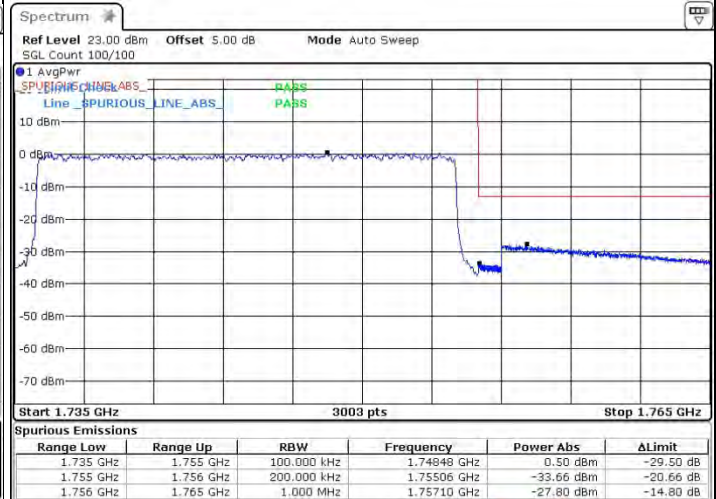
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / 16QAM

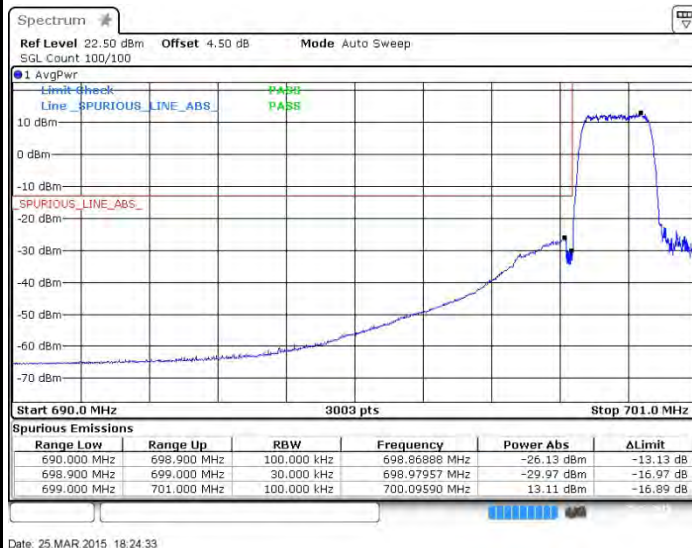
Lowest Band Edge / 1 RB



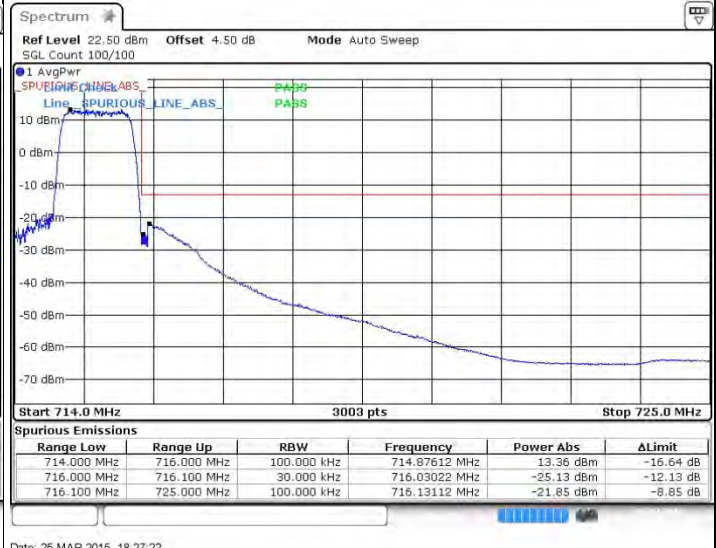
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



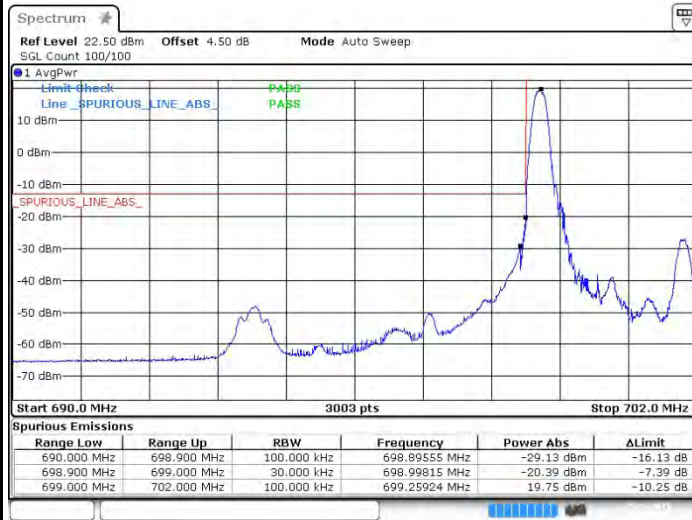
Highest Band Edge / Full RB



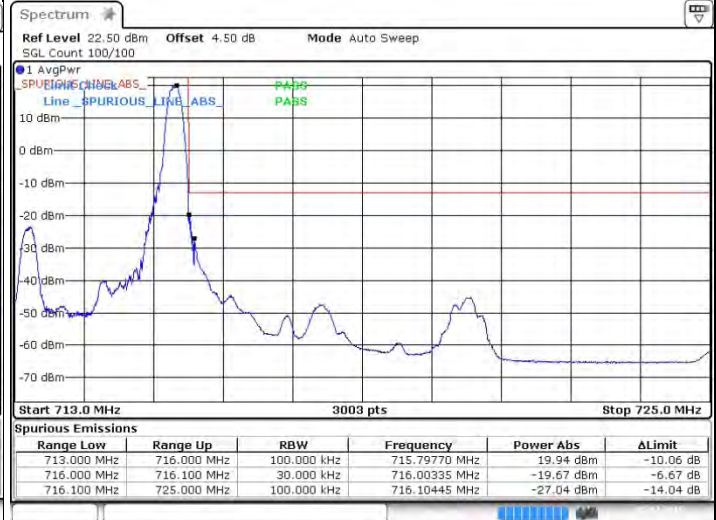


LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



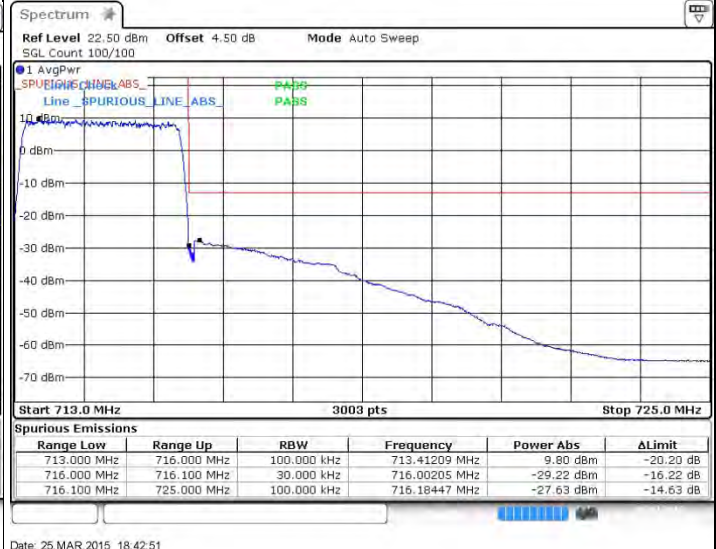
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



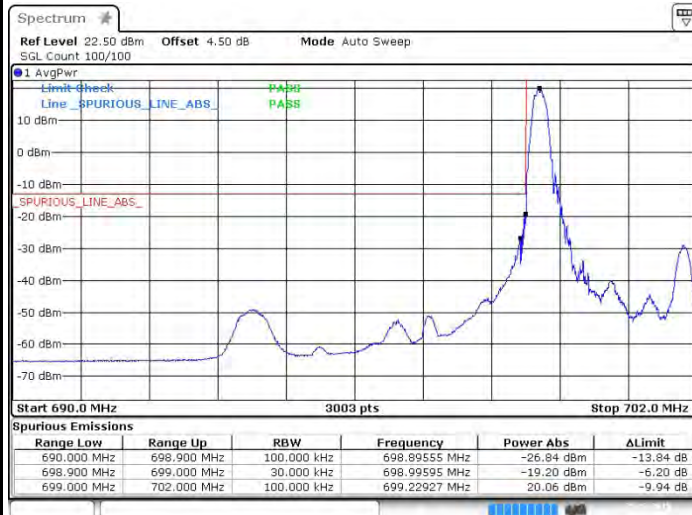
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



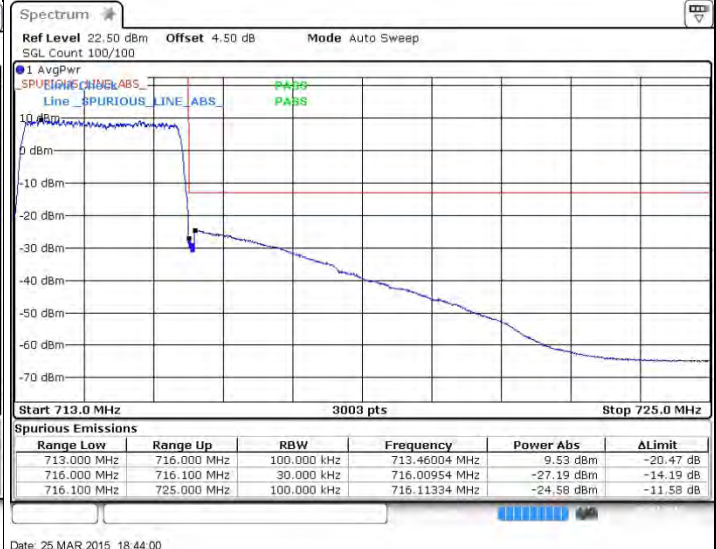
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 12 / 5MHz / QPSK

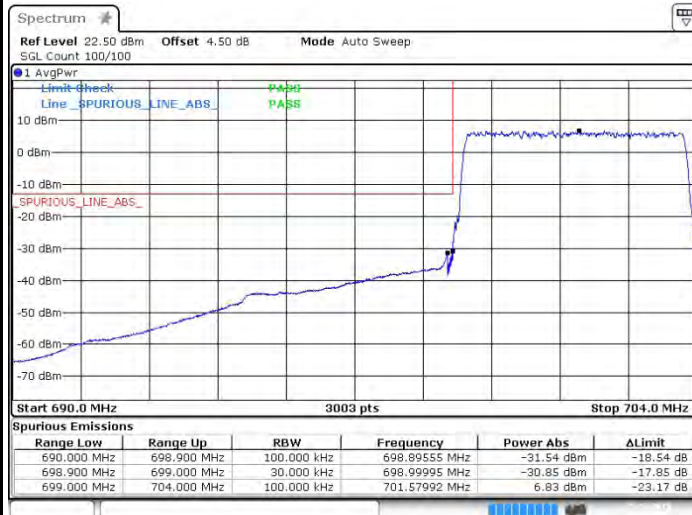
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 12 / 5MHz / 16QAM

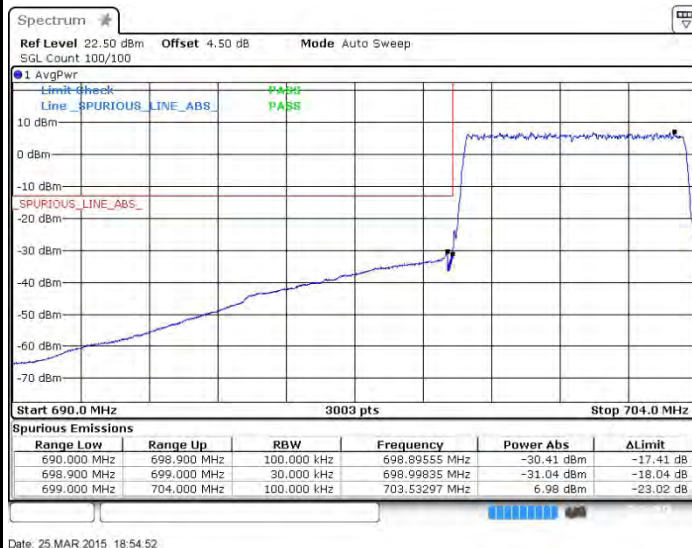
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



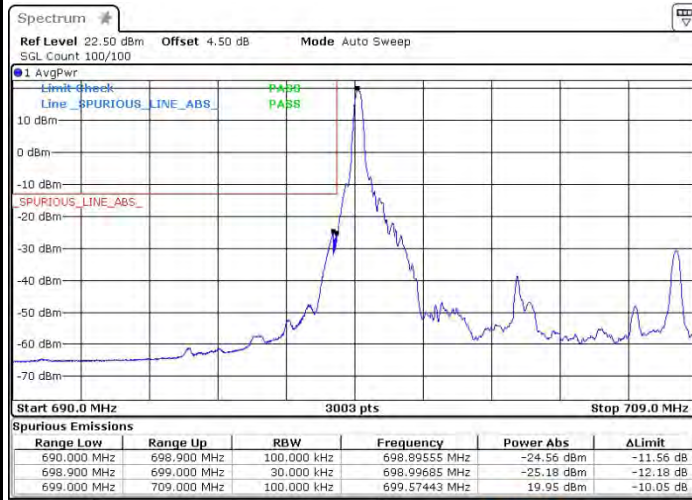
Highest Band Edge / Full RB





LTE Band 12 / 10MHz / QPSK

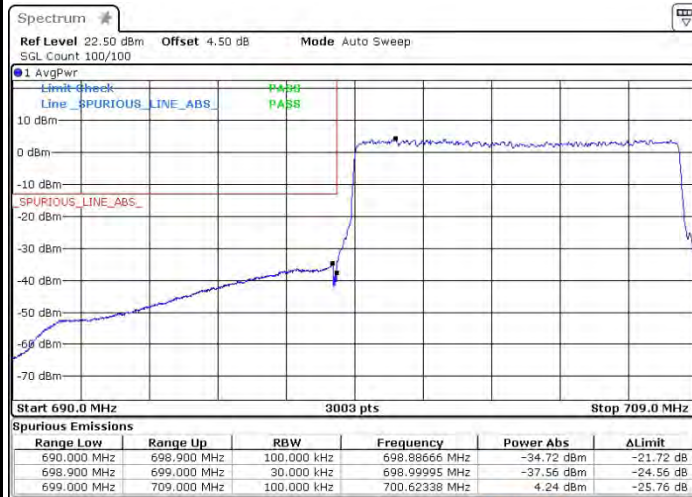
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



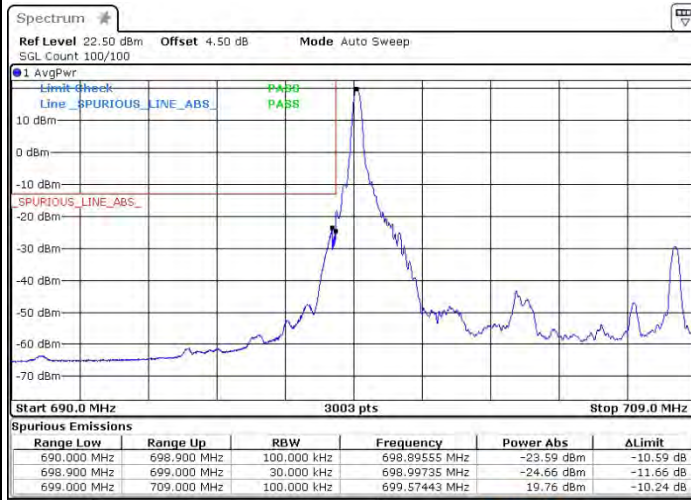
Highest Band Edge / Full RB



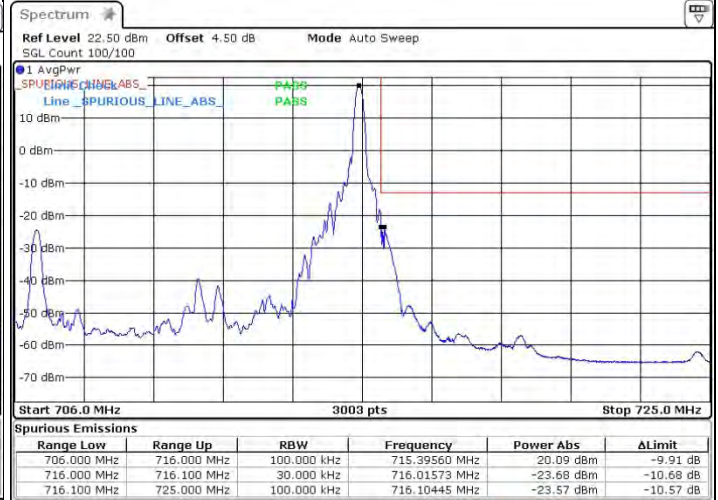


LTE Band 12 / 10MHz / 16QAM

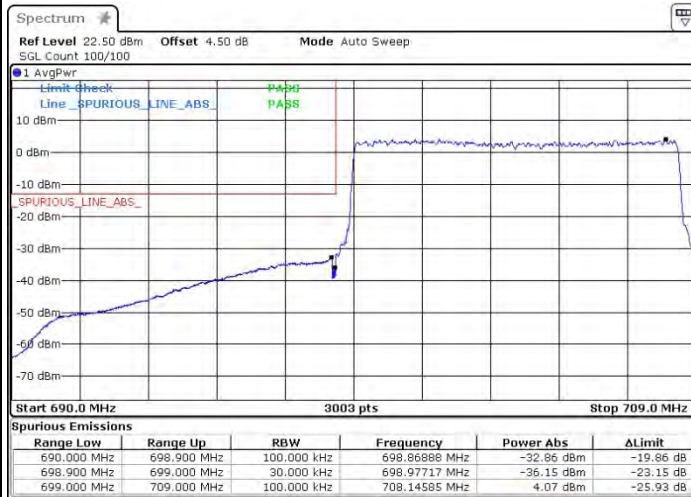
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





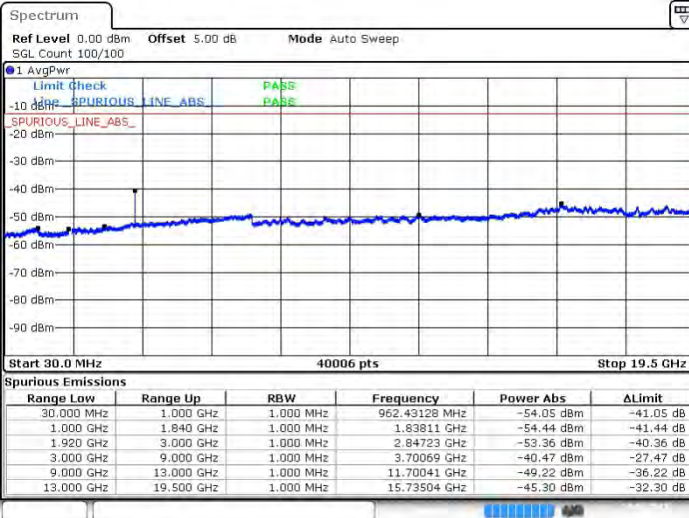
Conducted Spurious Emission



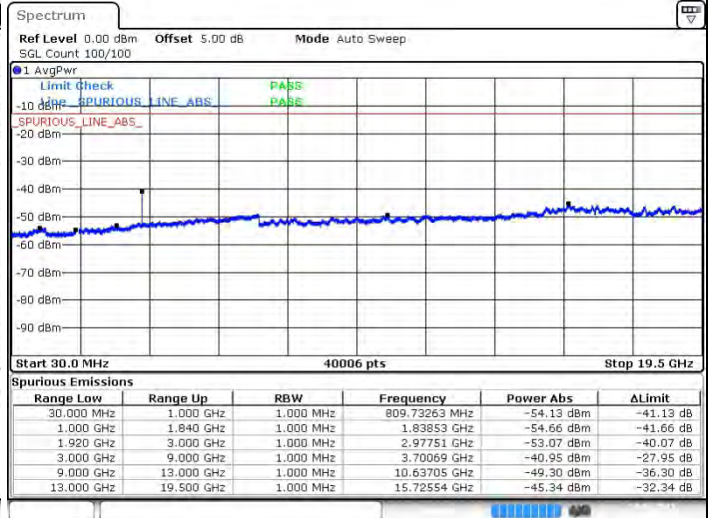
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



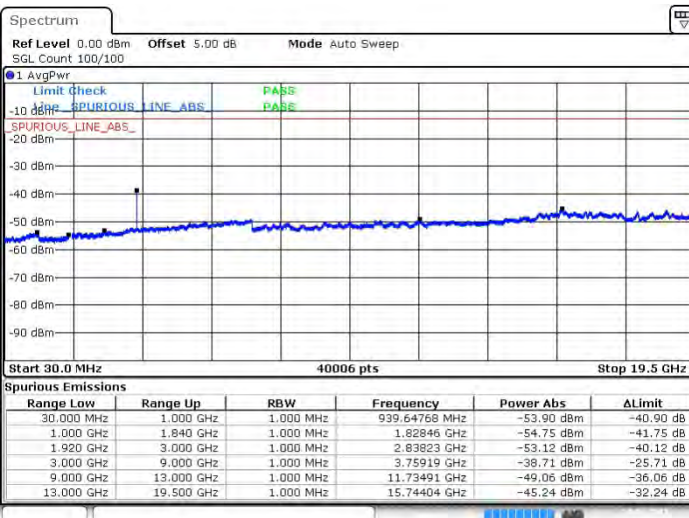
Date: 24 MAR 2015 13:56:04



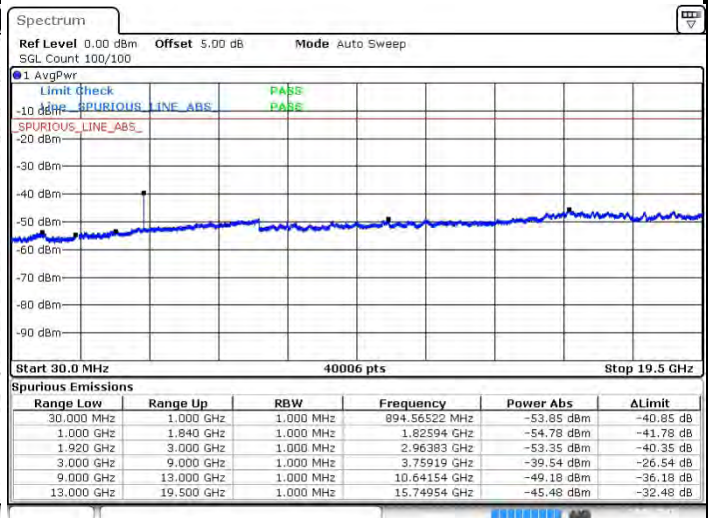
Date: 24 MAR 2015 13:57:22

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 24 MAR 2015 13:59:23



Date: 24 MAR 2015 14:00:42

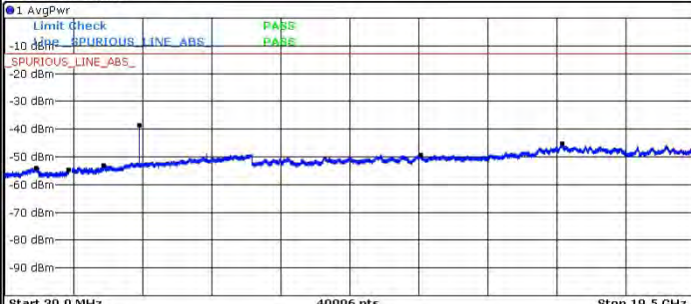


LTE Band 2 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM

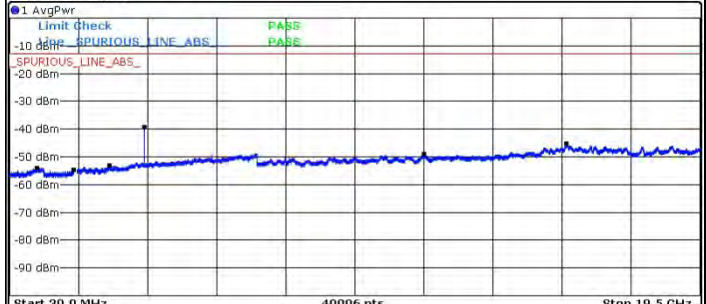
Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.37931 MHz	-54.03 dBm	-41.03 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82930 GHz	-54.79 dBm	-41.79 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82636 GHz	-53.24 dBm	-40.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-38.56 dBm	-25.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.76090 GHz	-49.34 dBm	-36.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74754 GHz	-45.36 dBm	-32.36 dB

Date: 24 MAR 2015 14:02:43

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	782.10145 MHz	-54.04 dBm	-41.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83013 GHz	-54.76 dBm	-41.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.84075 GHz	-53.24 dBm	-40.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81768 GHz	-39.15 dBm	-26.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.69991 GHz	-49.21 dBm	-36.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.71804 GHz	-45.31 dBm	-32.31 dB

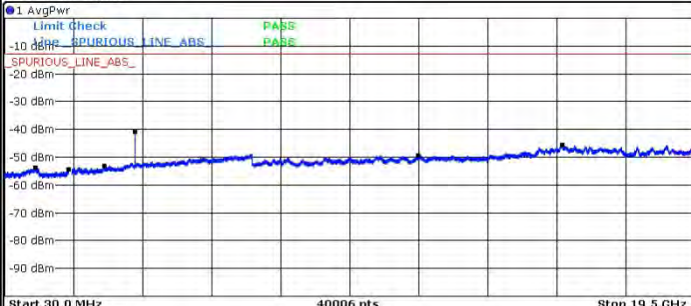
Date: 24 MAR 2015 14:04:02

LTE Band 2 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

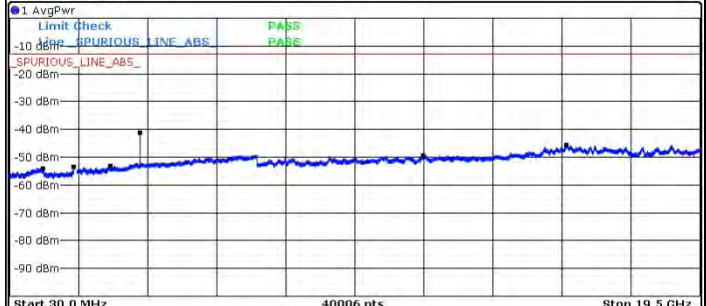
Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-53.92 dBm	-40.92 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-54.34 dBm	-41.34 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.83859 GHz	-53.14 dBm	-40.14 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-40.89 dBm	-27.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.69341 GHz	-49.33 dBm	-36.33 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75404 GHz	-45.46 dBm	-32.46 dB

Date: 24 MAR 2015 14:06:03

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-54.04 dBm	-41.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-53.53 dBm	-40.53 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85983 GHz	-53.23 dBm	-40.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-41.14 dBm	-28.14 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.69841 GHz	-49.26 dBm	-36.26 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.73554 GHz	-45.45 dBm	-32.45 dB

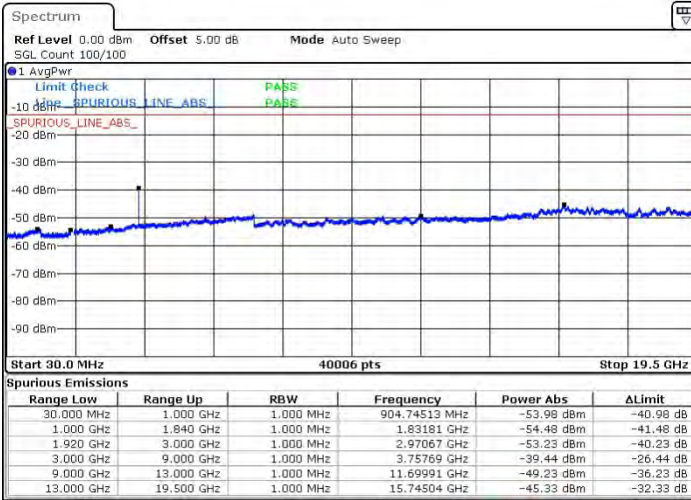
Date: 24 MAR 2015 14:07:22



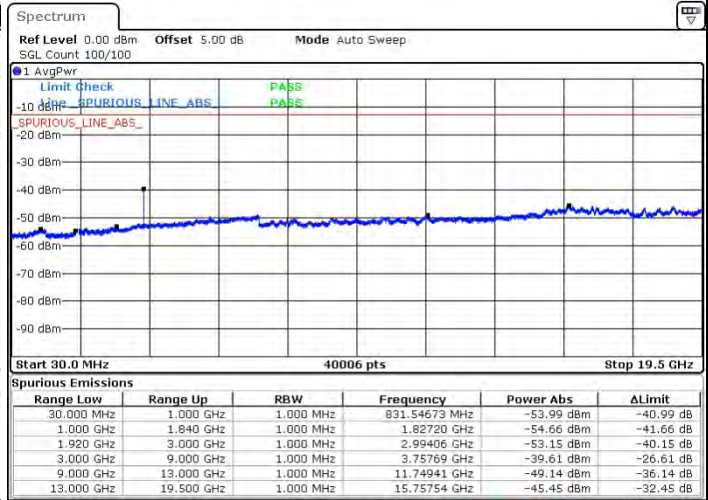
LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



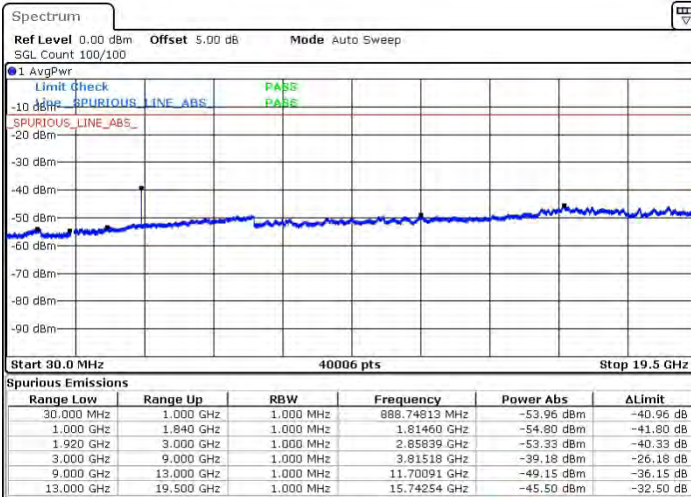
Date: 24 MAR 2015 14:09:23



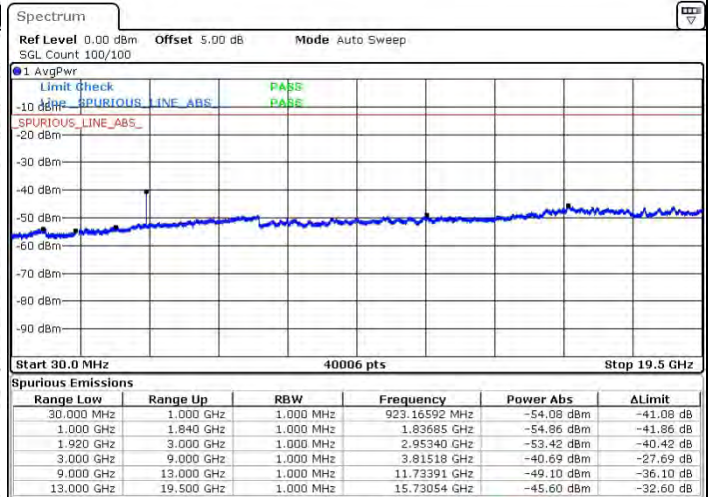
Date: 24 MAR 2015 14:10:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24 MAR 2015 14:12:44



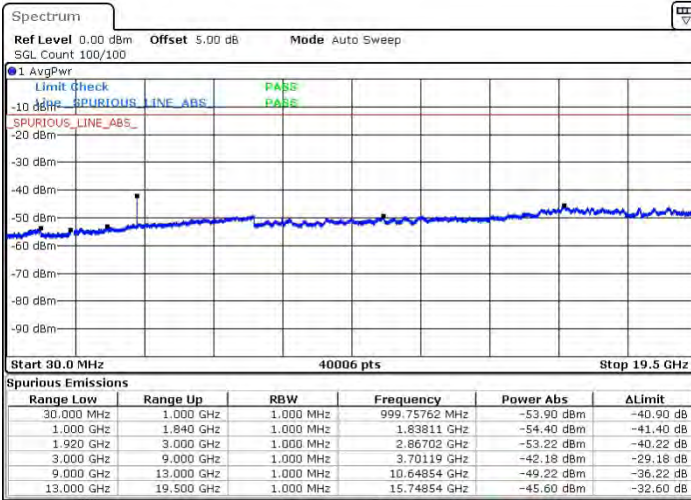
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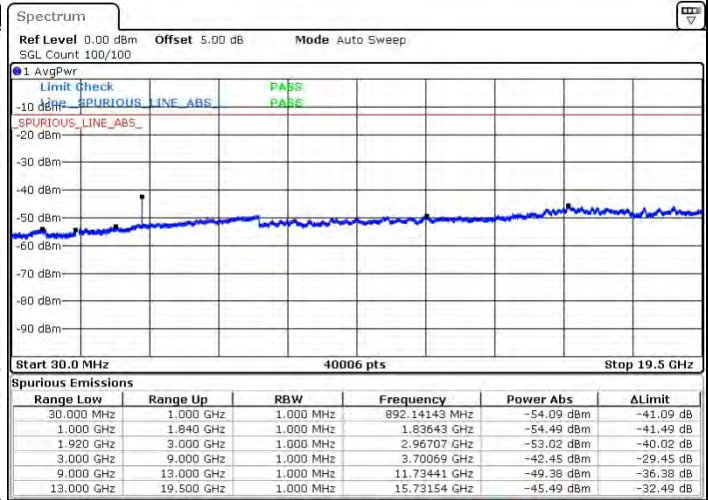
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



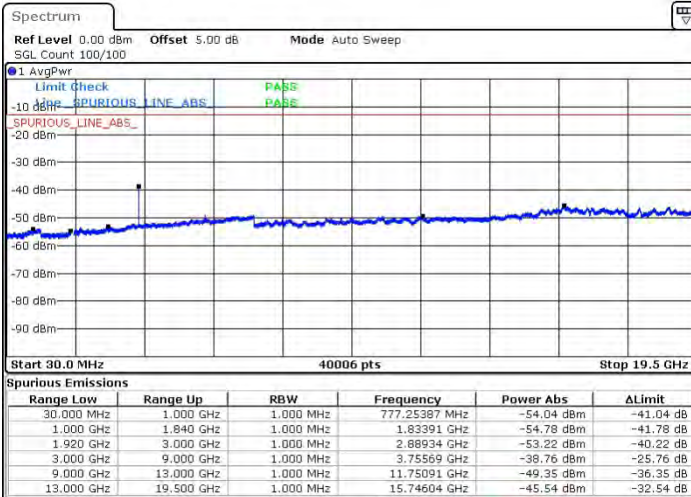
Date: 24.MAR.2015 14:16:04



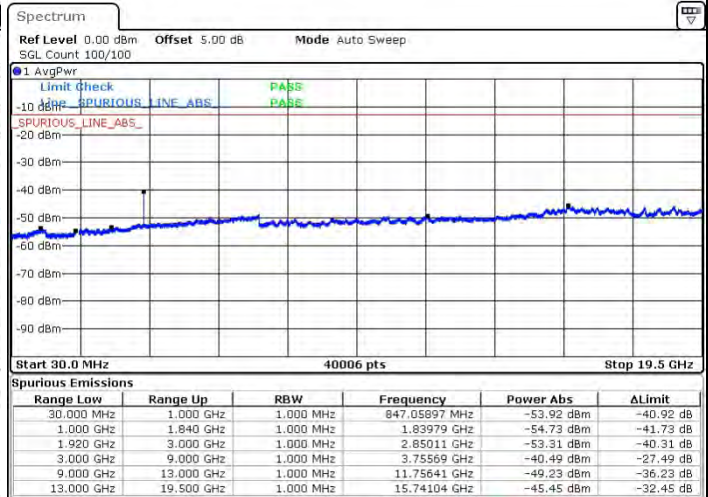
Date: 24.MAR.2015 14:17:22

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 24.MAR.2015 14:19:28



Date: 24.MAR.2015 14:20:47

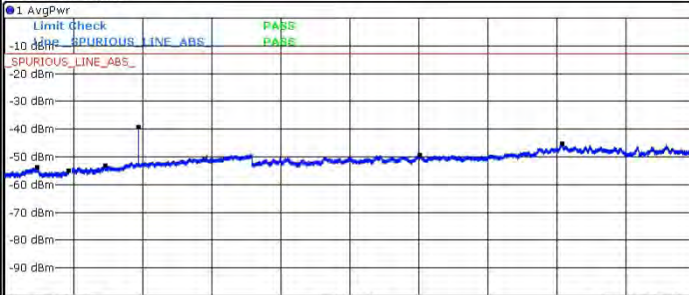


LTE Band 2 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

Spectrum

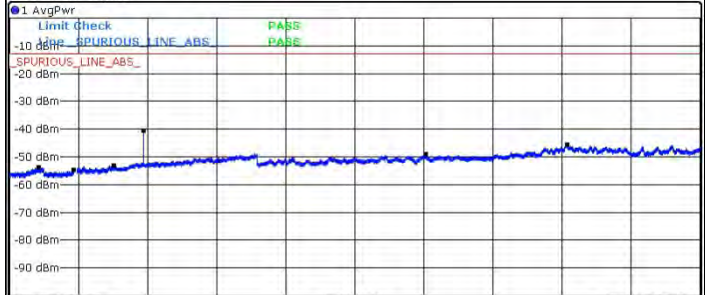
Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83391 GHz	-55.01 dBm	-42.01 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85479 GHz	-53.09 dBm	-40.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-39.24 dBm	-26.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.74691 GHz	-49.43 dBm	-36.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74354 GHz	-45.25 dBm	-32.25 dB

Date: 24 MAR 2015 14:22:49

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	849.96752 MHz	-53.91 dBm	-40.91 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83139 GHz	-54.66 dBm	-41.66 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97211 GHz	-53.07 dBm	-40.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.81068 GHz	-40.56 dBm	-27.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.75541 GHz	-49.14 dBm	-36.14 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74204 GHz	-45.45 dBm	-32.45 dB

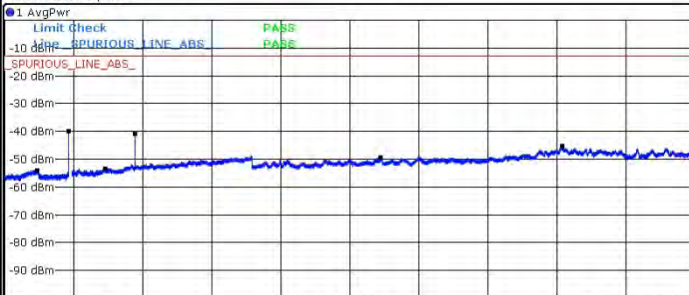
Date: 24 MAR 2015 14:24:07

LTE Band 2 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

Spectrum

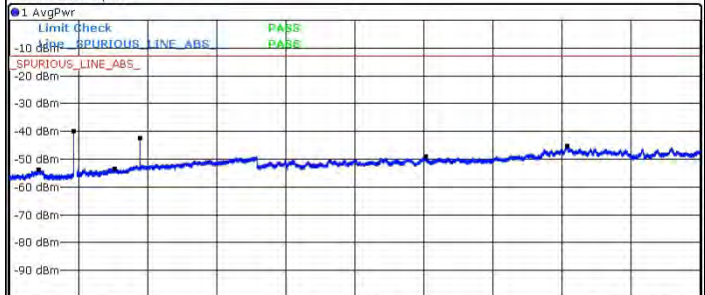
Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-54.00 dBm	-41.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-40.03 dBm	-27.03 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.85479 GHz	-53.38 dBm	-40.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-40.89 dBm	-27.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.62505 GHz	-49.41 dBm	-36.41 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75554 GHz	-45.30 dBm	-32.30 dB

Date: 24 MAR 2015 14:26:09

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	854.81509 MHz	-53.89 dBm	-40.89 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-39.79 dBm	-26.79 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99874 GHz	-53.39 dBm	-40.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-42.52 dBm	-29.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.75191 GHz	-49.10 dBm	-36.10 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.74854 GHz	-45.35 dBm	-32.35 dB

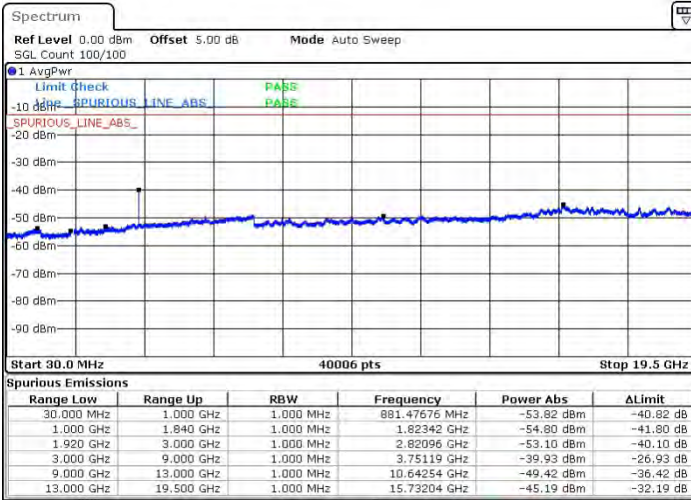
Date: 24 MAR 2015 14:27:27



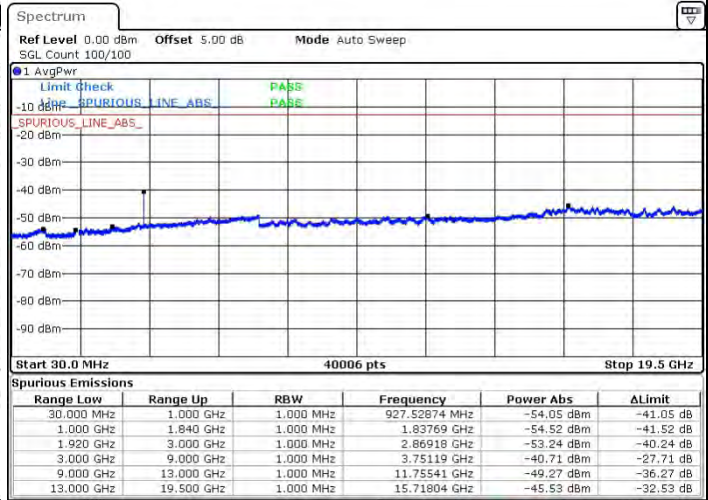
LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



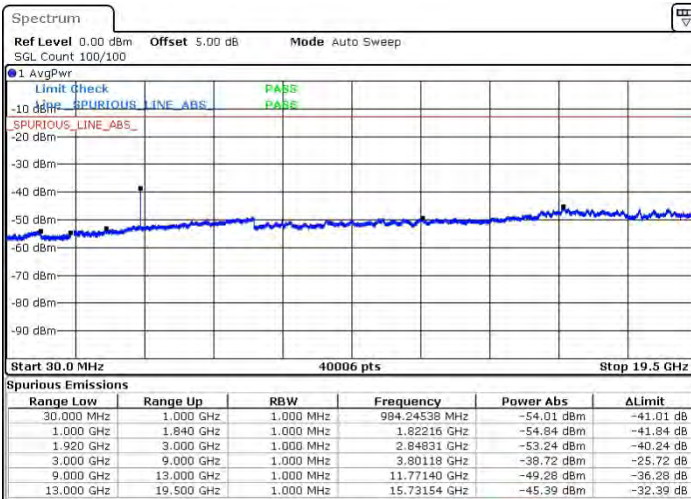
Date: 24 MAR 2015 14:29:29



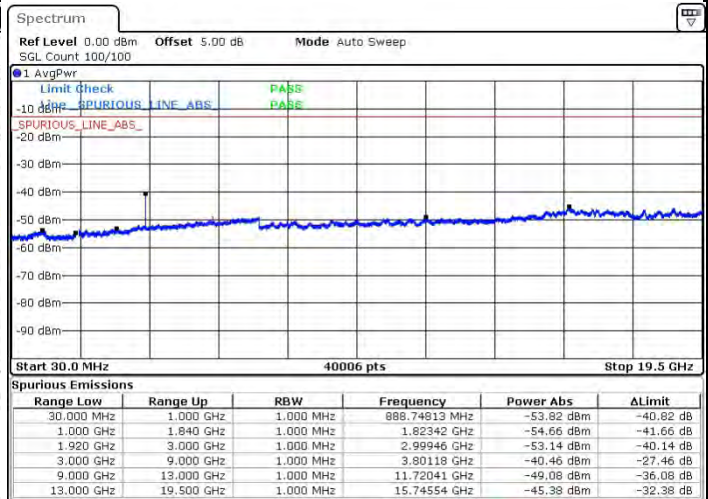
Date: 24 MAR 2015 14:30:47

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24 MAR 2015 14:32:48



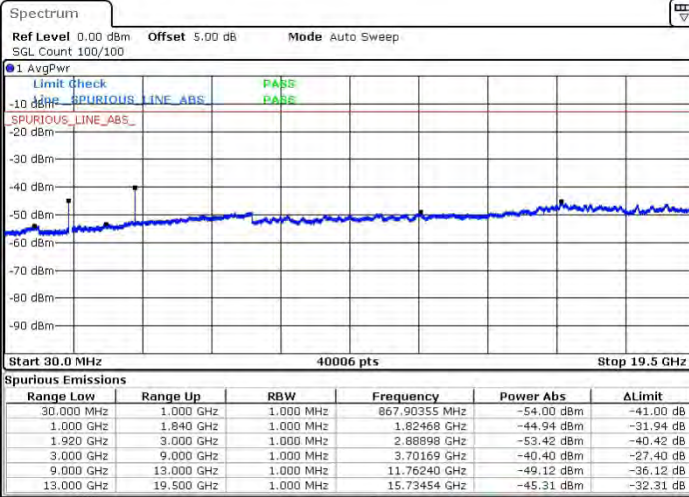
Date: 24 MAR 2015 14:34:07



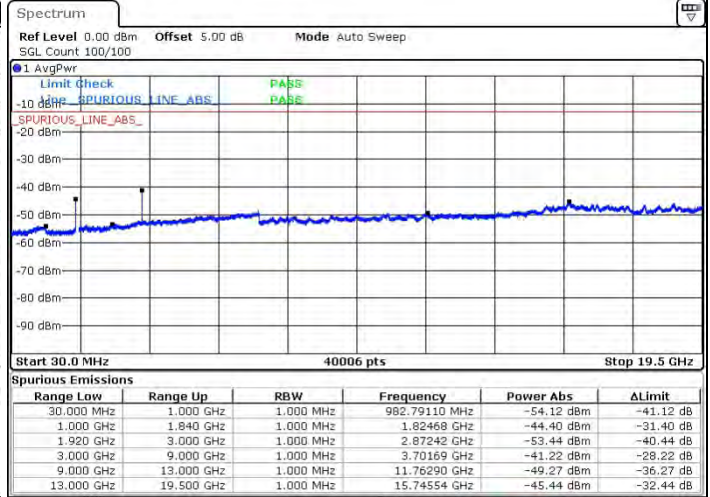
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



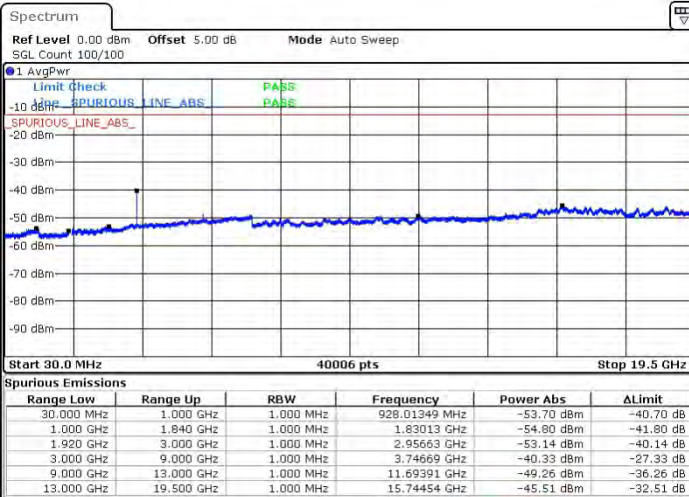
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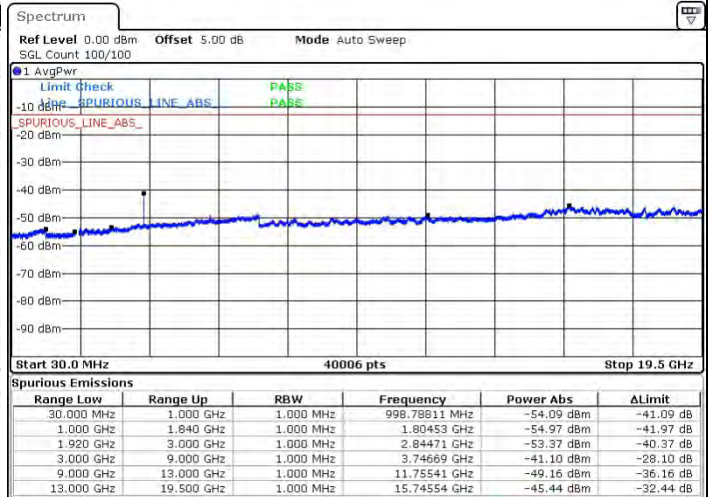
Date: 24 MAR 2015 14:37:27

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 24 MAR 2015 14:39:29



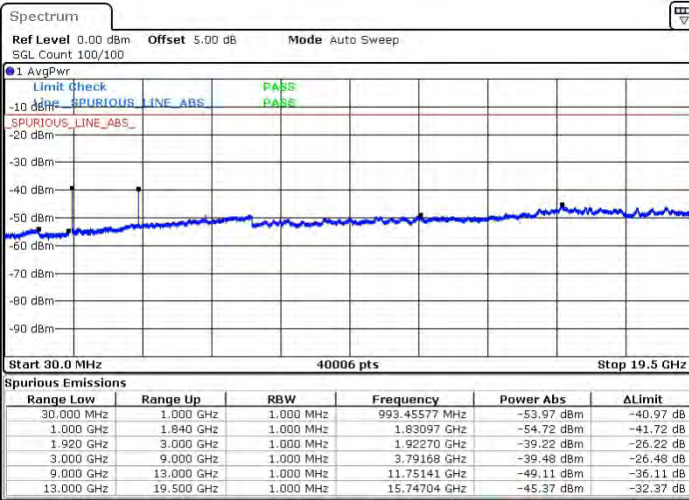
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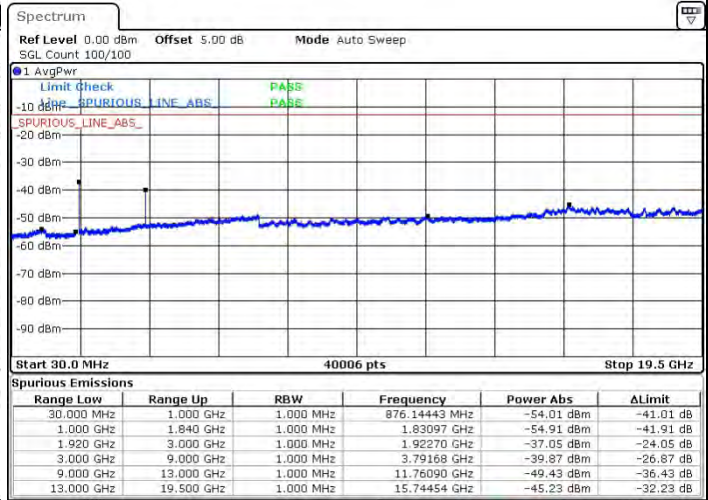
LTE Band 2 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24 MAR 2015 14:42:49

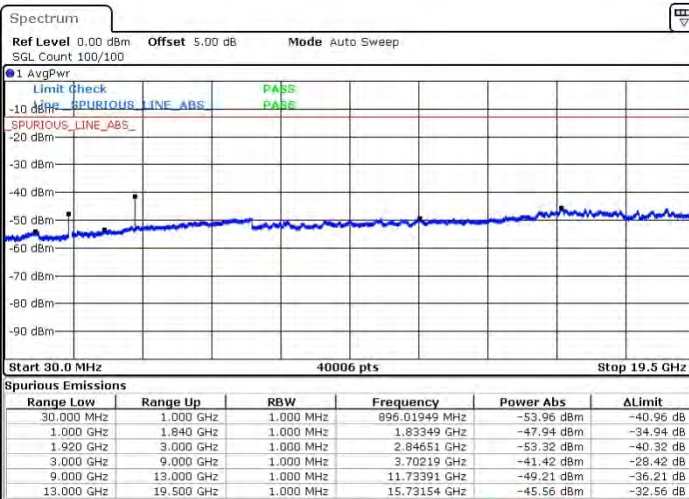


Date: 24 MAR 2015 14:44:07

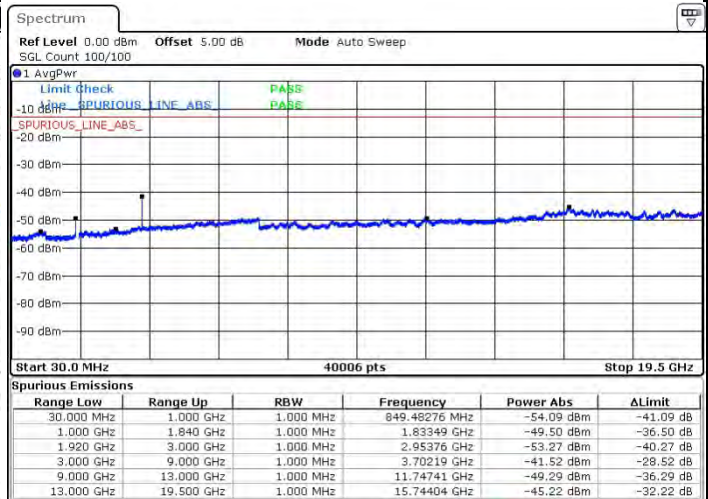
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 24 MAR 2015 14:46:09



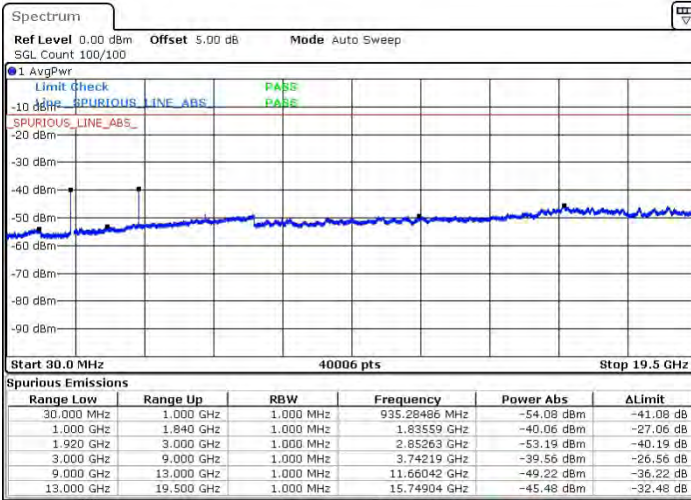
Date: 24 MAR 2015 15:05:44



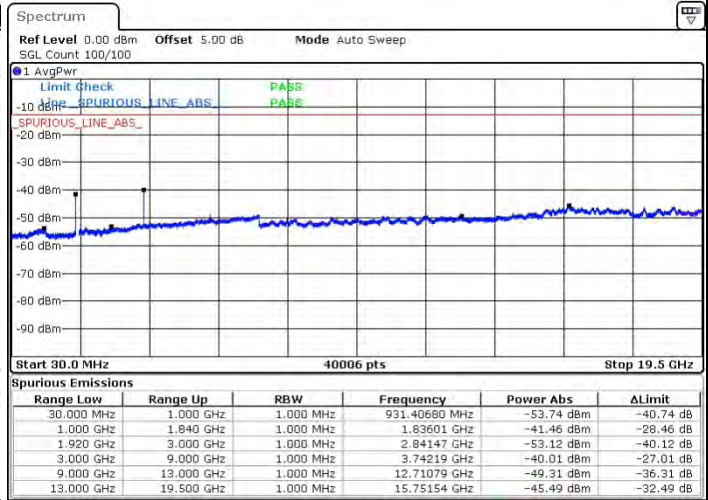
LTE Band 2 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



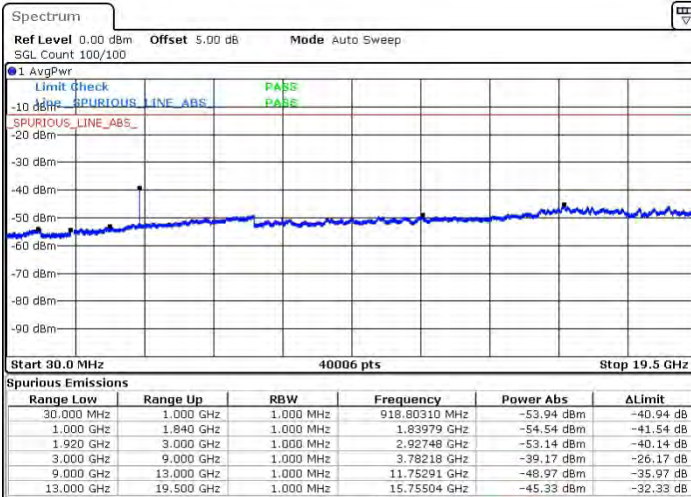
Date: 24 MAR 2015 14:49:28



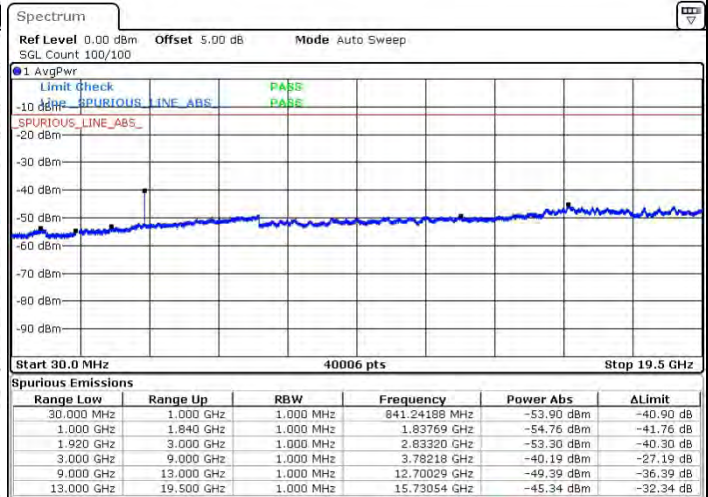
Date: 24 MAR 2015 14:50:47

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24 MAR 2015 14:52:48



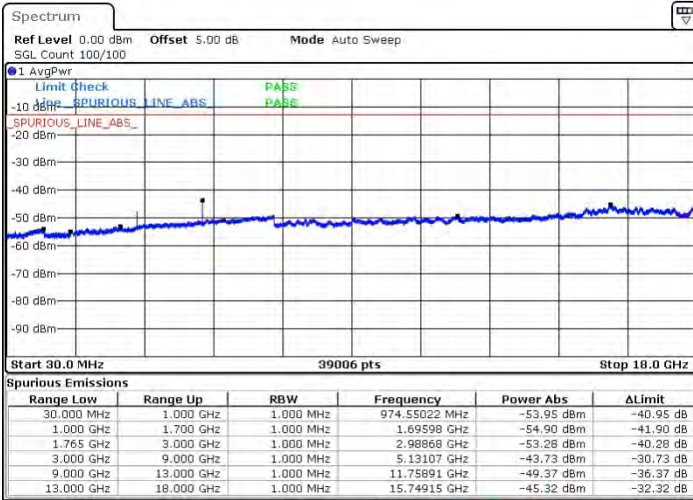
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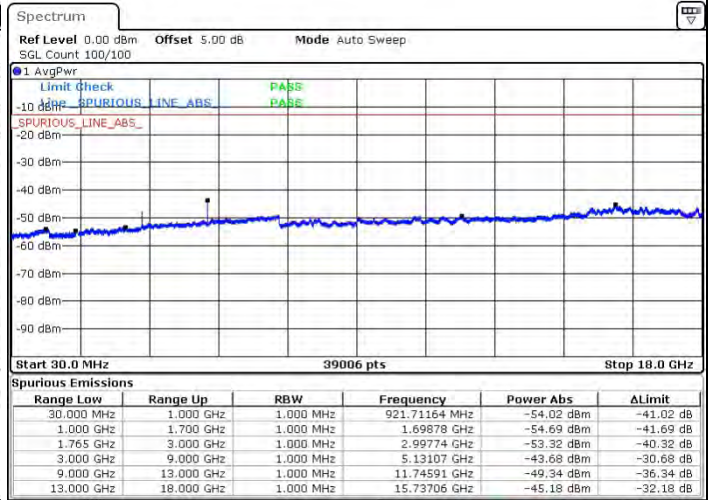
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



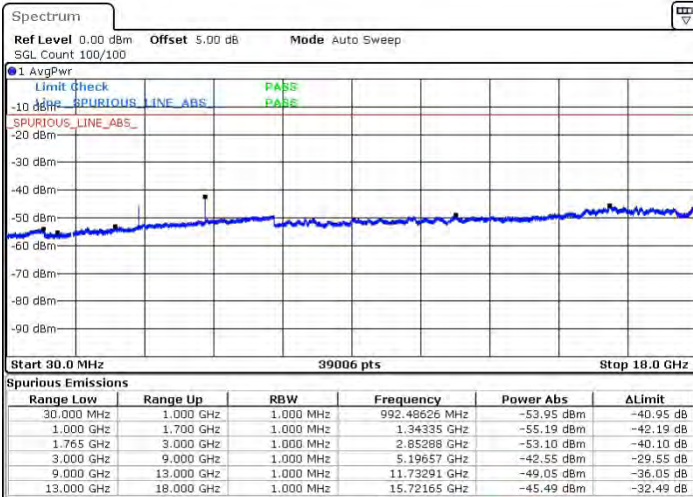
Date: 25.MAR.2015 09:52:14



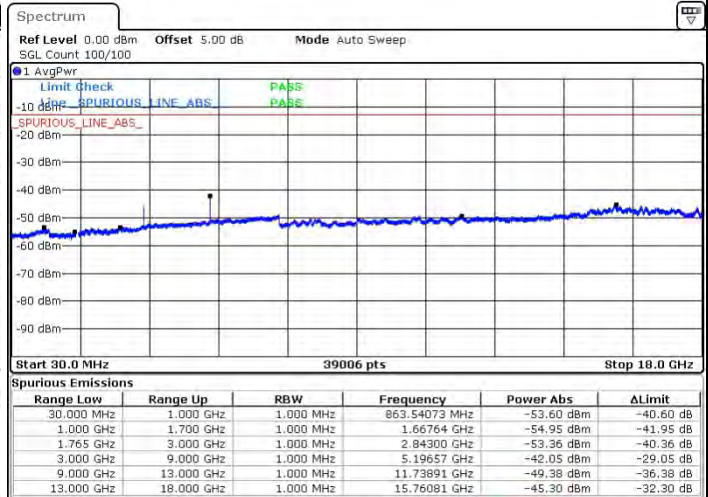
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Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25.MAR.2015 09:55:35



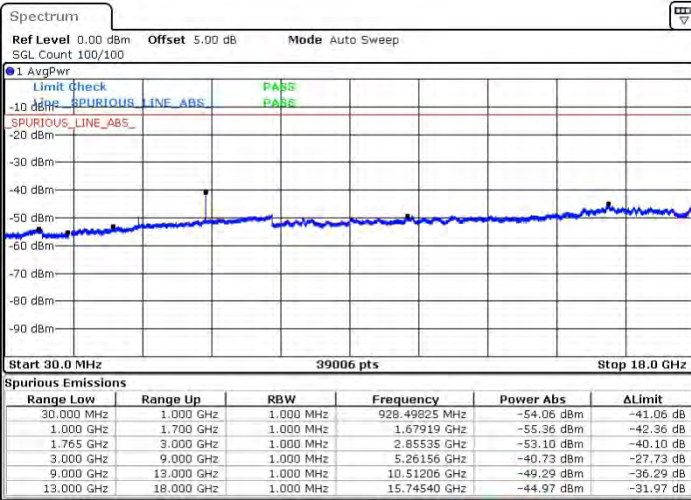
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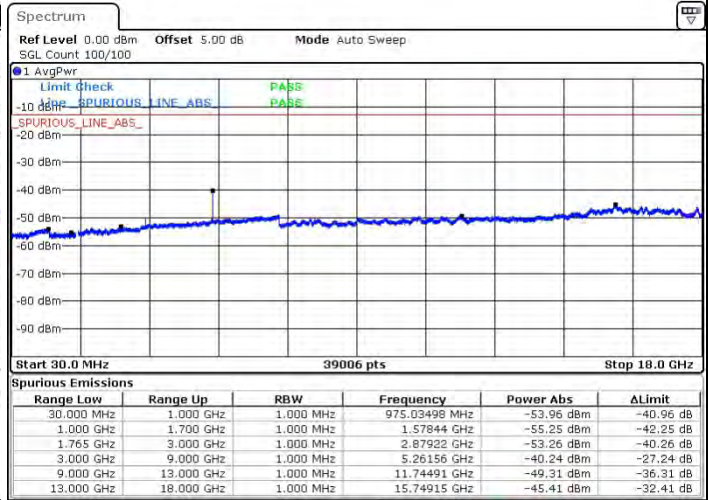
LTE Band 4 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.MAR.2015 09:58:55

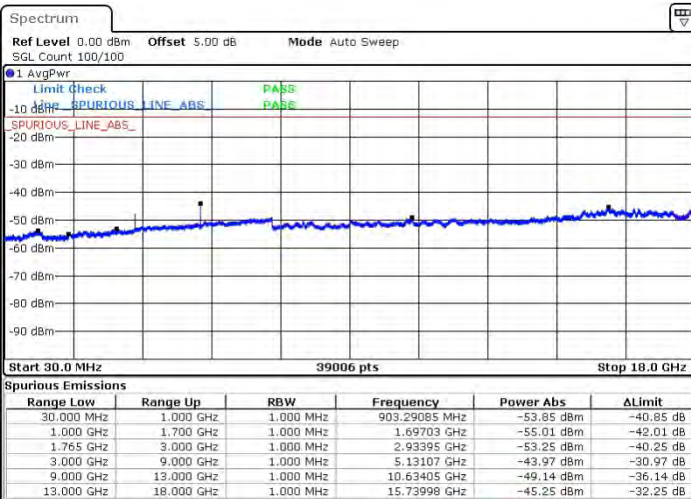


Date: 25.MAR.2015 10:00:14

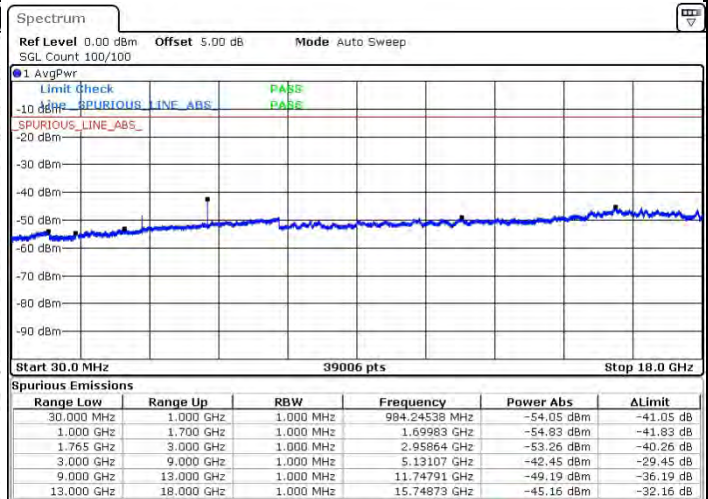
LTE Band 4 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 25.MAR.2015 10:02:15



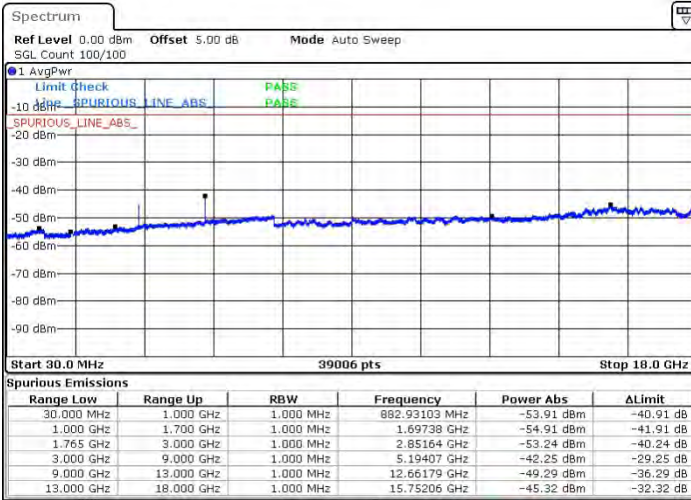
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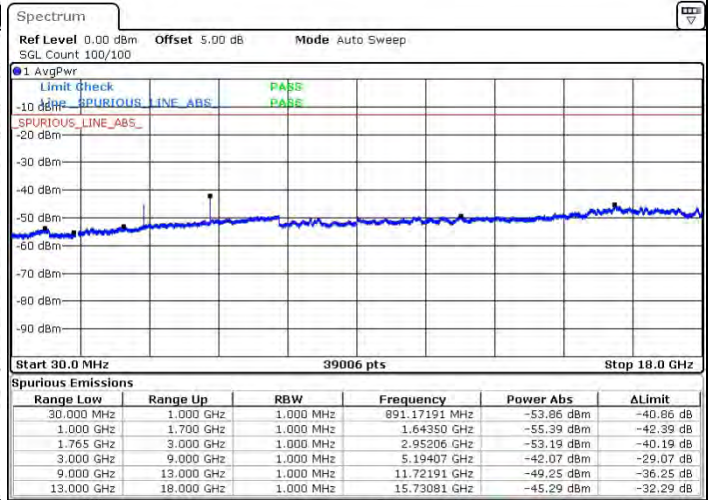
LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



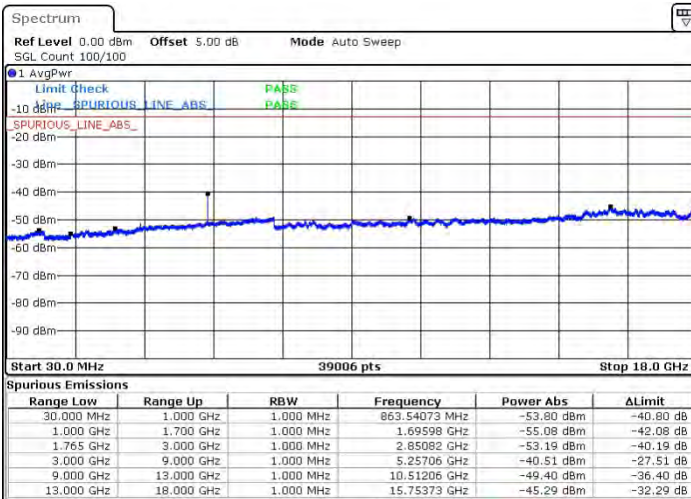
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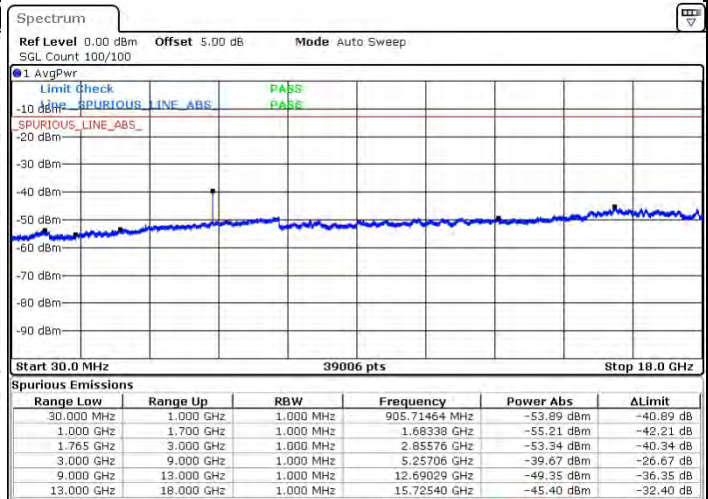
Date: 25.MAR.2015 10:06:54

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.MAR.2015 10:08:56



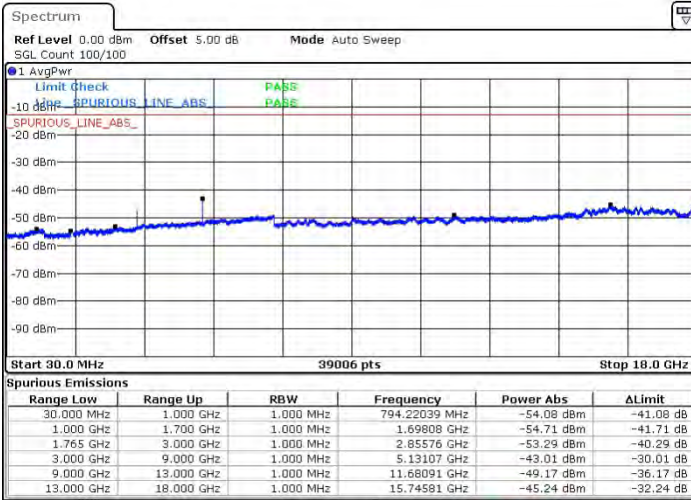
Date: 25.MAR.2015 10:10:14



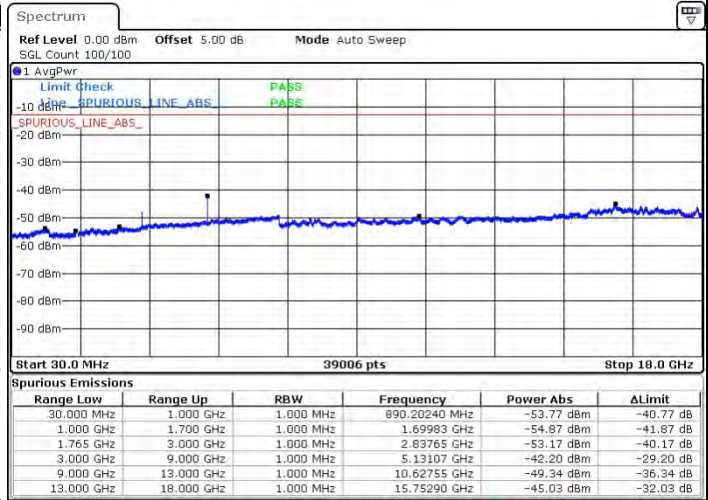
LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



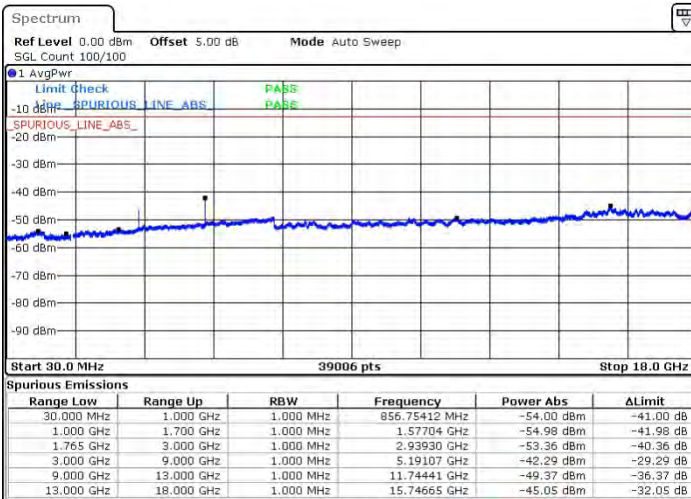
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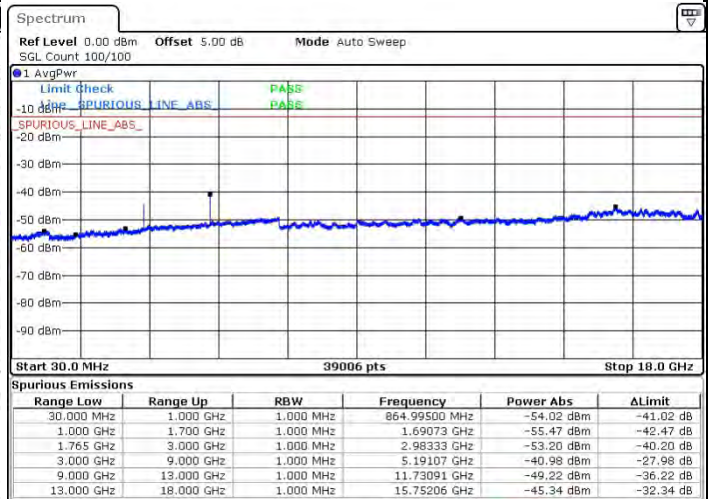
Date: 25.MAR.2015 10:13:35

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25.MAR.2015 10:15:38

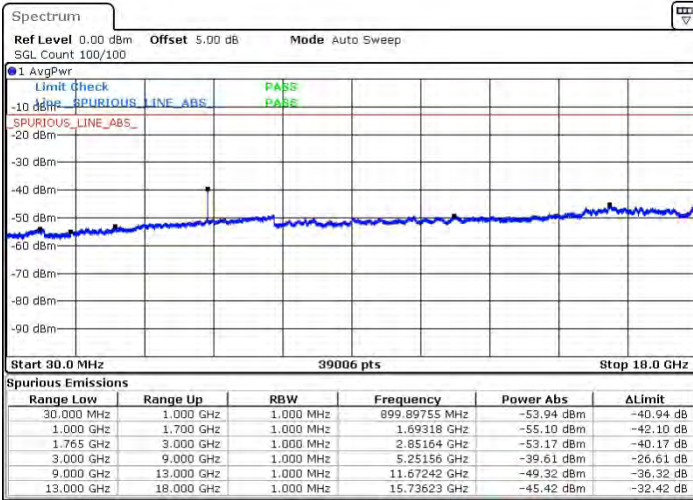


Date: 25.MAR.2015 10:16:56



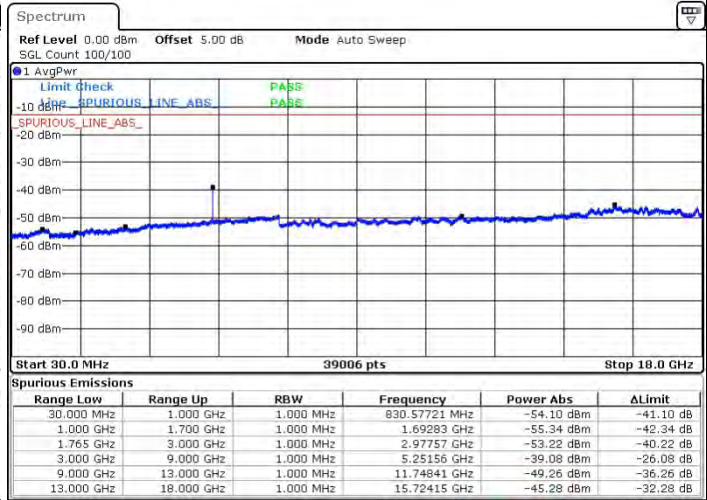
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 25.MAR.2015 10:18:59

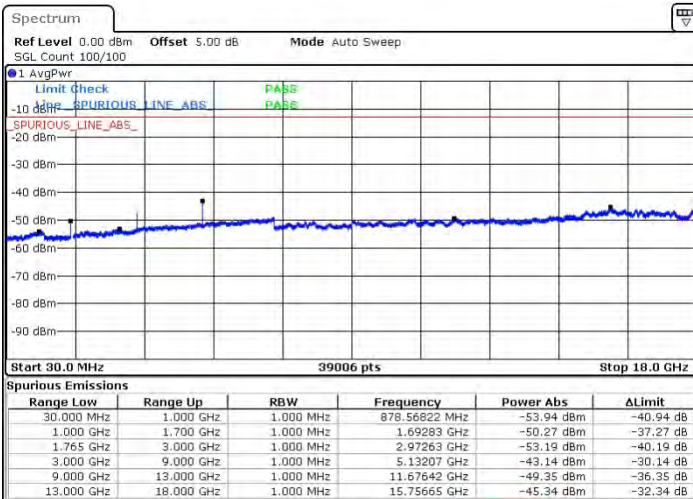
Highest Channel / 16QAM



Date: 25.MAR.2015 10:20:17

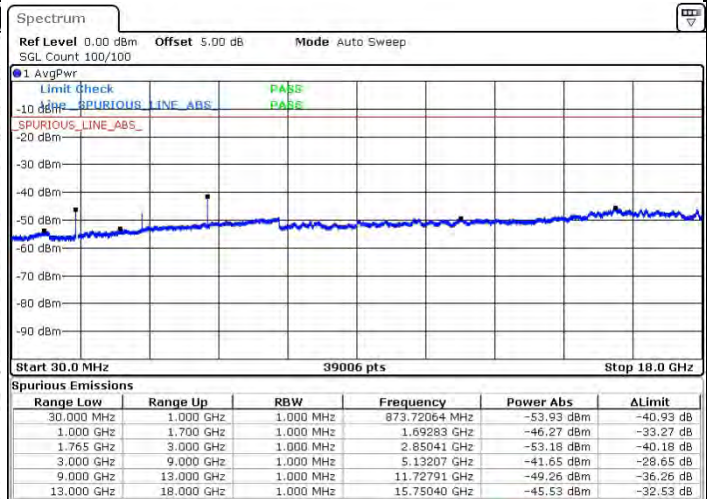
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 25.MAR.2015 10:22:29

Lowest Channel / 16QAM



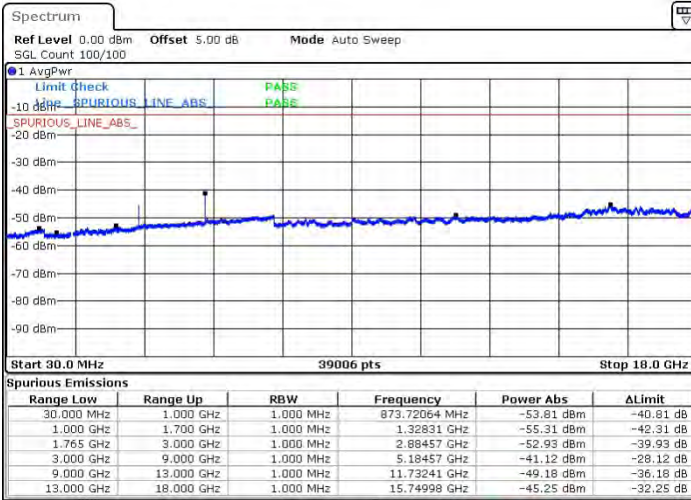
Date: 25.MAR.2015 10:23:47



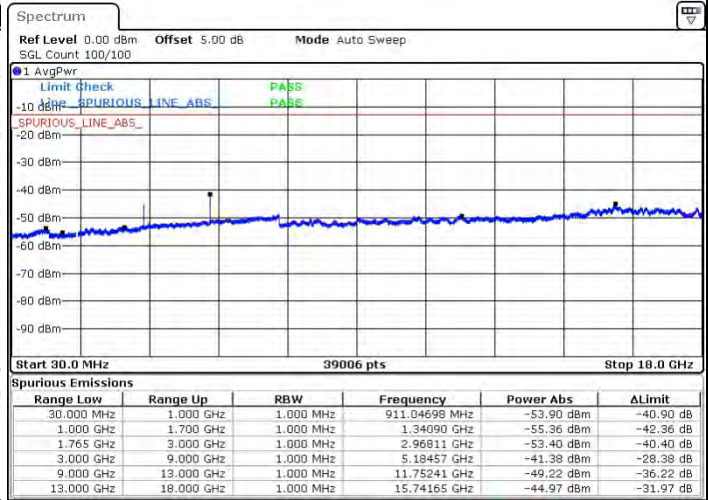
LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



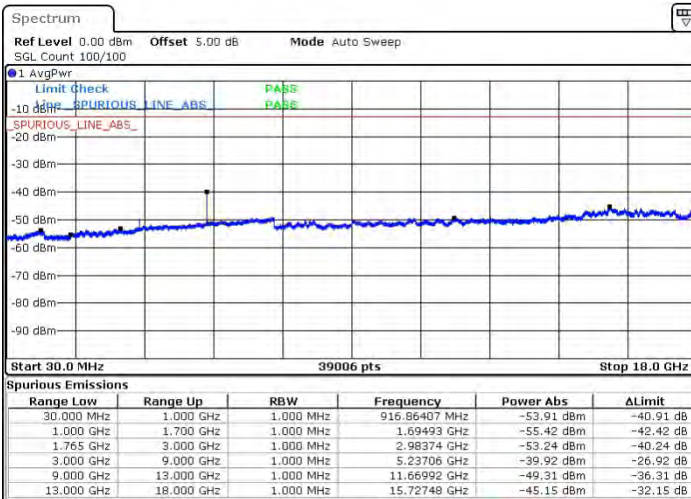
Date: 25.MAR.2015 10:25:49



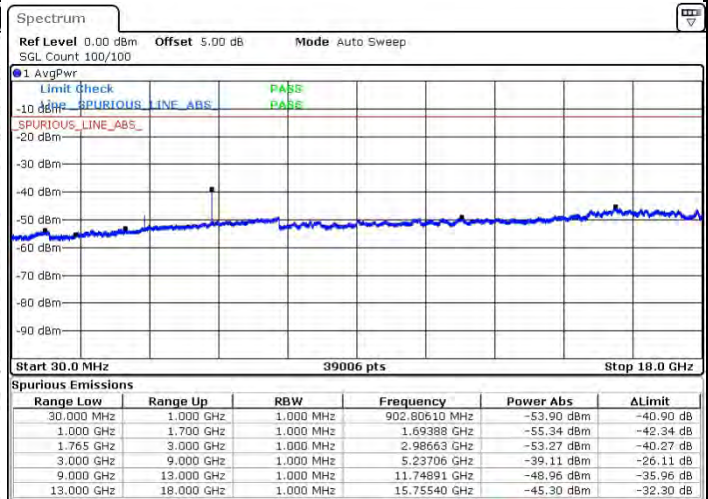
Date: 25.MAR.2015 10:27:08

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.MAR.2015 10:29:10



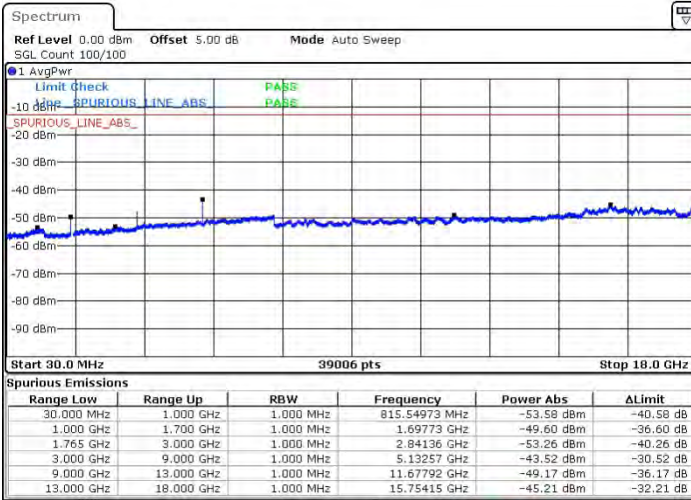
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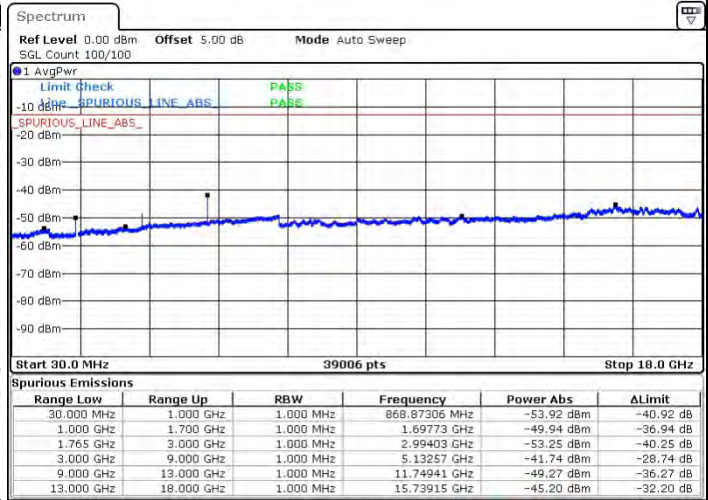
LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



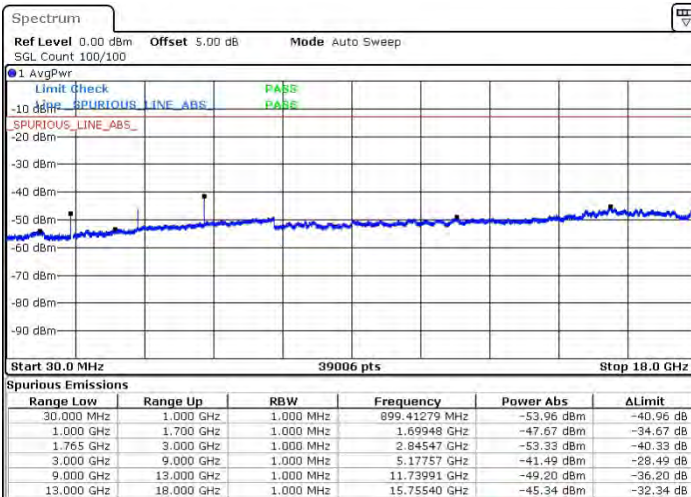
Date: 25.MAR.2015 10:32:32



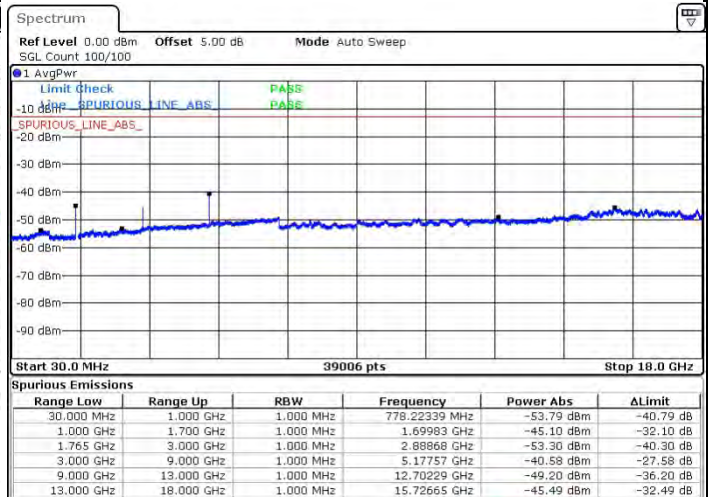
Date: 25.MAR.2015 10:33:51

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25.MAR.2015 10:35:53



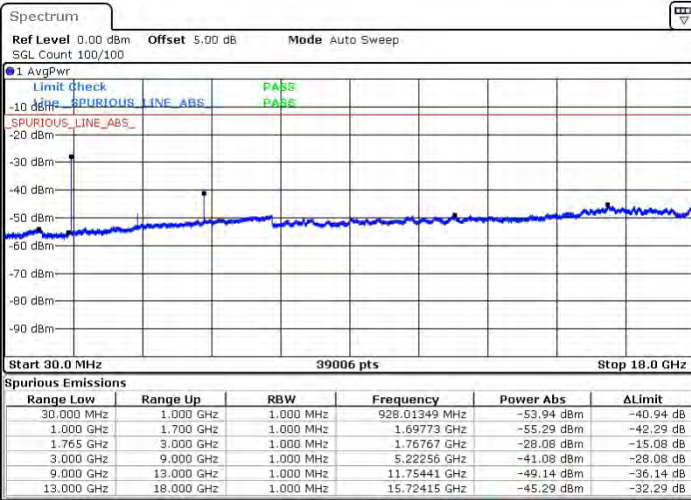
Date: 25.MAR.2015 10:37:12



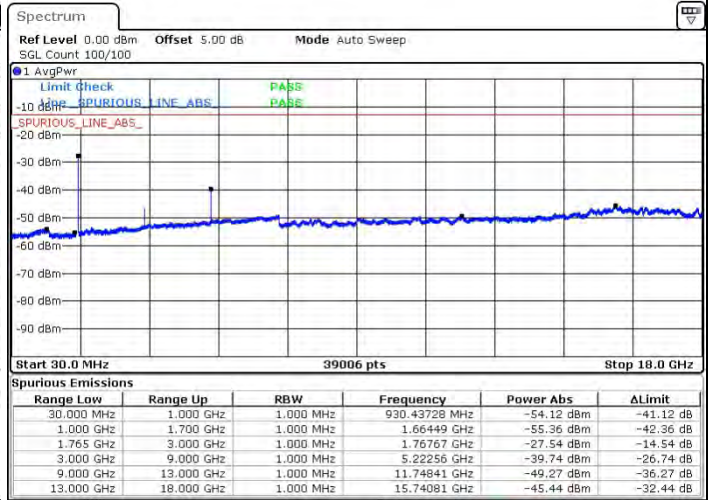
LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.MAR.2015 10:39:14

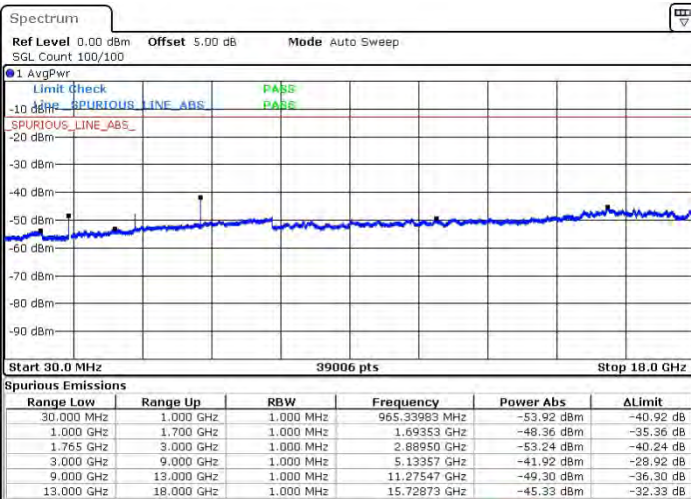


Date: 25.MAR.2015 10:40:32

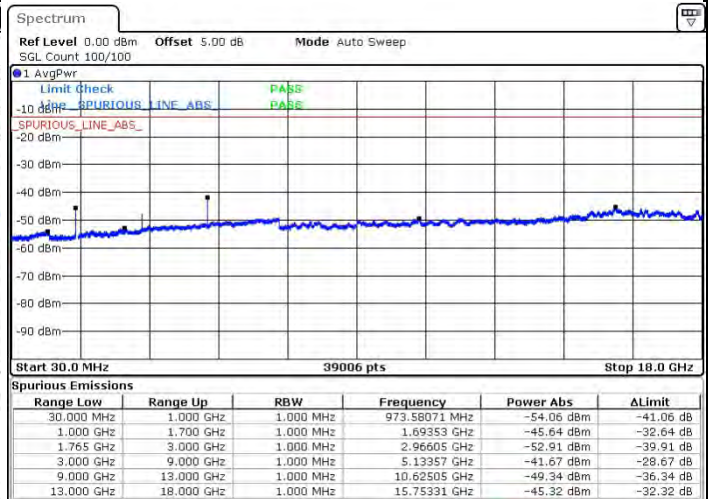
LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 25.MAR.2015 10:42:34



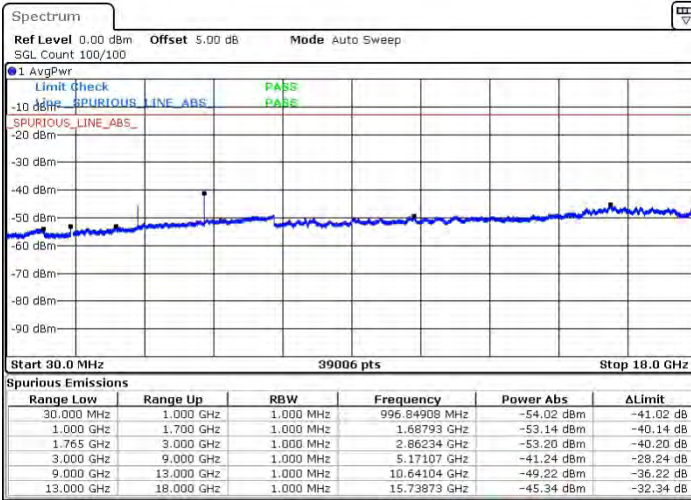
Date: 25.MAR.2015 10:43:52



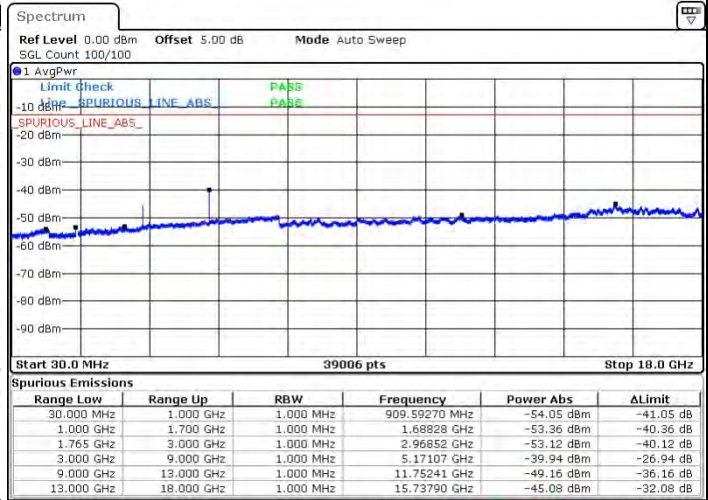
LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



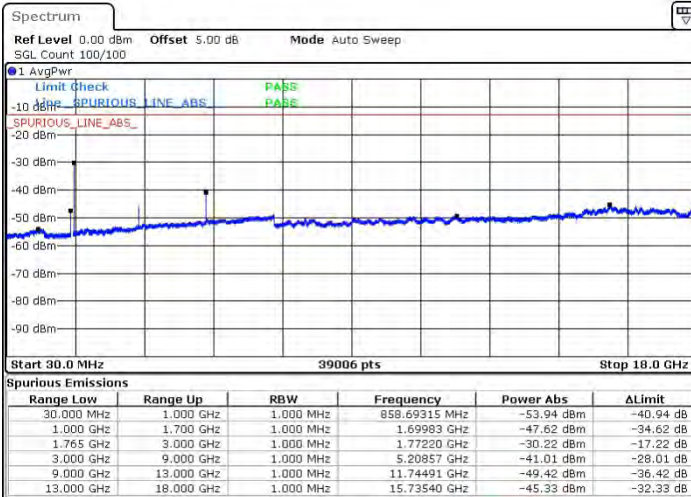
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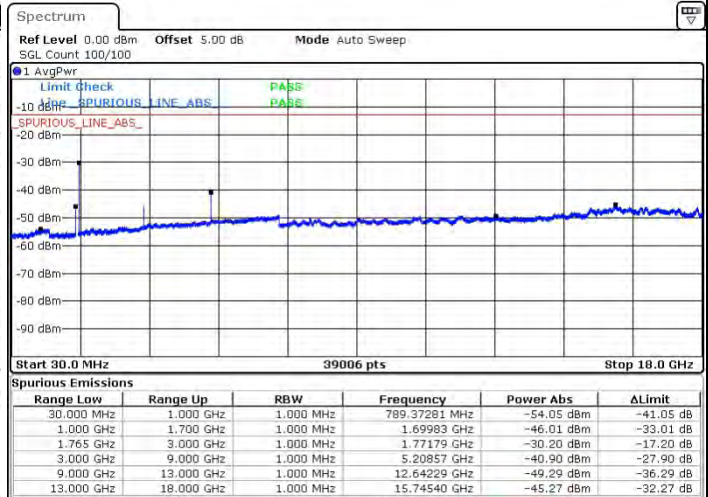
Date: 25.MAR.2015 10:47:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.MAR.2015 10:49:15



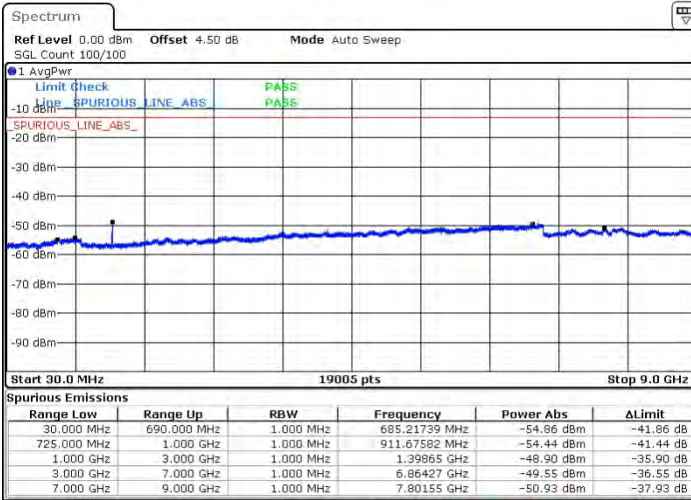
Date: 25.MAR.2015 10:50:33



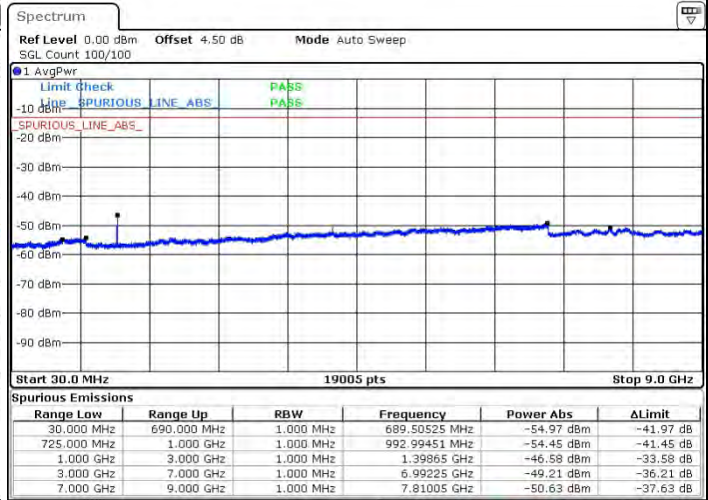
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



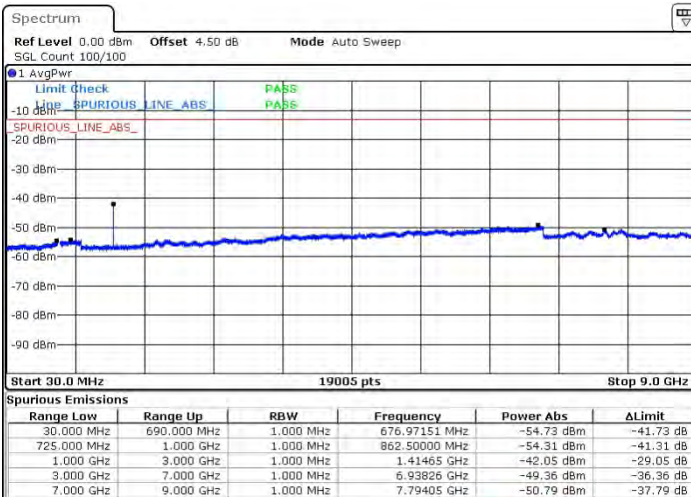
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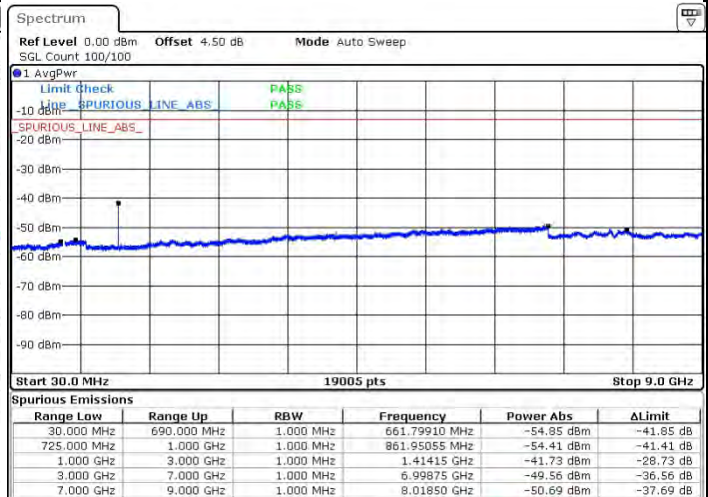
Date: 25.MAR.2015 18:29:40

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25.MAR.2015 18:30:23



Date: 25.MAR.2015 18:30:02

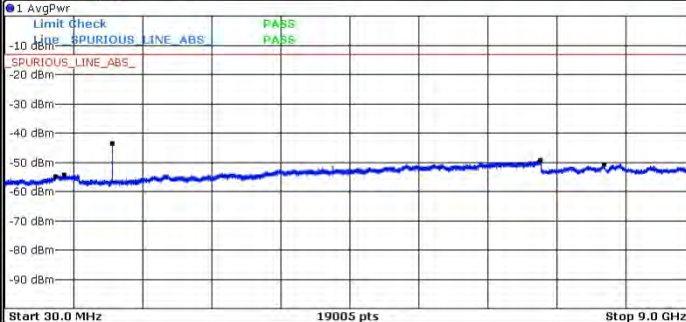


LTE Band 12 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM

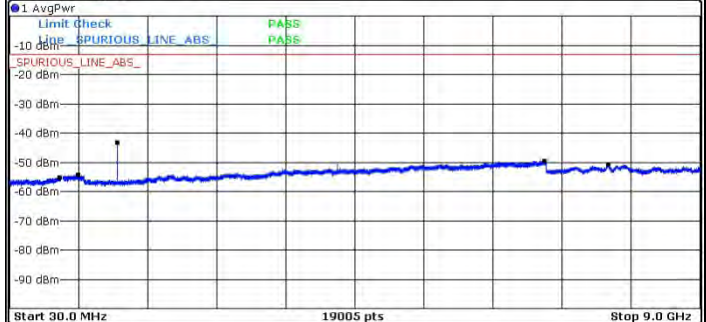
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	685.54723 MHz	-54.99 dBm	-41.99 dB
725.000 MHz	1.000 GHz	1.000 MHz	797.11538 MHz	-54.39 dBm	-41.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-43.65 dBm	-30.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-49.37 dBm	-36.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.81705 GHz	-50.72 dBm	-37.72 dB

Date: 25.MAR.2015 18:30:47

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	679.94003 MHz	-55.09 dBm	-42.09 dB
725.000 MHz	1.000 GHz	1.000 MHz	910.30220 MHz	-54.42 dBm	-41.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-43.40 dBm	-30.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-49.45 dBm	-36.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80955 GHz	-50.87 dBm	-37.87 dB

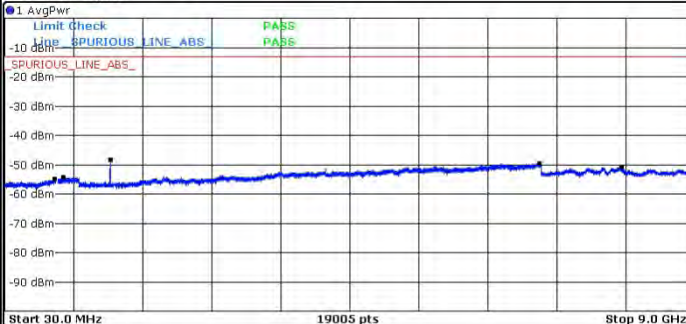
Date: 25.MAR.2015 18:31:09

LTE Band 12 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

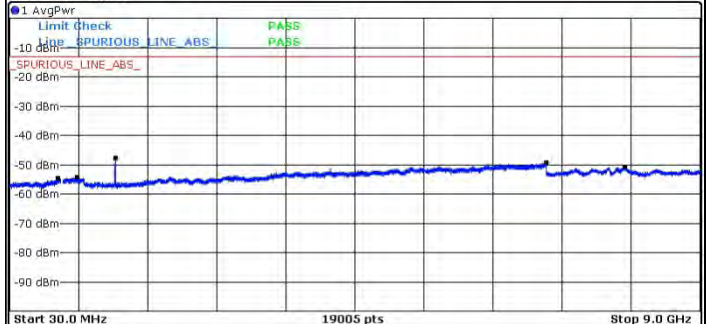
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	678.29085 MHz	-54.92 dBm	-41.92 dB
725.000 MHz	1.000 GHz	1.000 MHz	792.71978 MHz	-54.45 dBm	-41.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-49.36 dBm	-35.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98275 GHz	-49.65 dBm	-36.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.04349 GHz	-50.81 dBm	-37.81 dB

Date: 25.MAR.2015 18:37:11

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	656.85157 MHz	-54.70 dBm	-41.70 dB
725.000 MHz	1.000 GHz	1.000 MHz	899.86264 MHz	-54.43 dBm	-41.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-47.67 dBm	-34.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-49.39 dBm	-36.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01900 GHz	-50.88 dBm	-37.88 dB

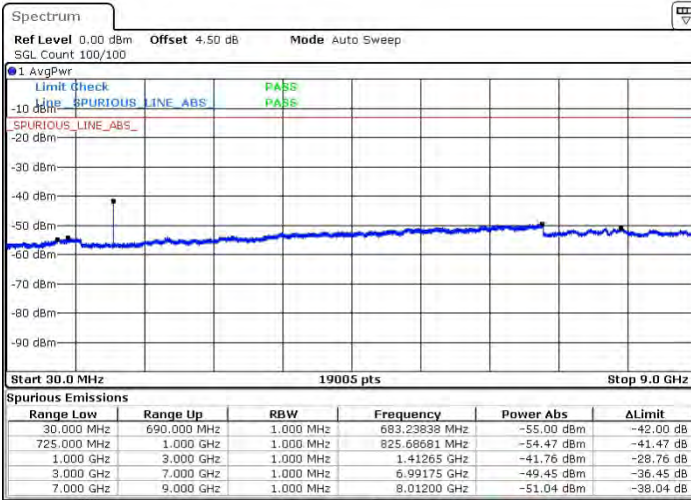
Date: 25.MAR.2015 18:36:43



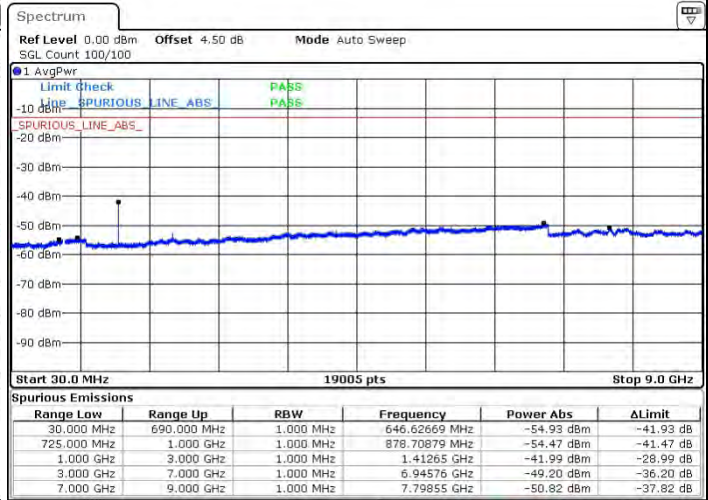
LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



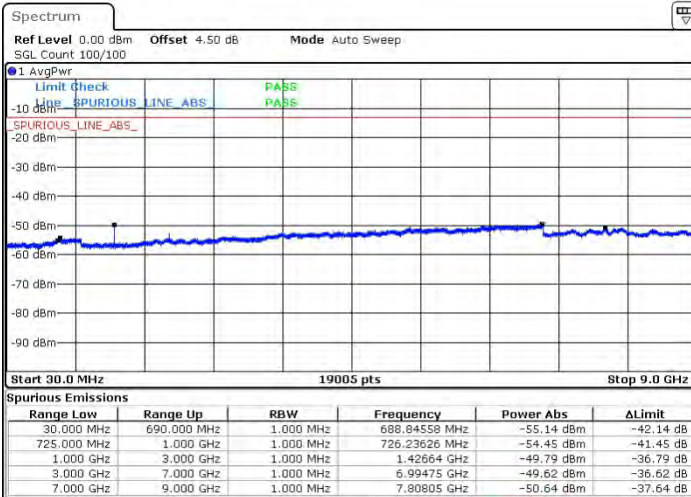
Date: 25.MAR.2015 18:37:34



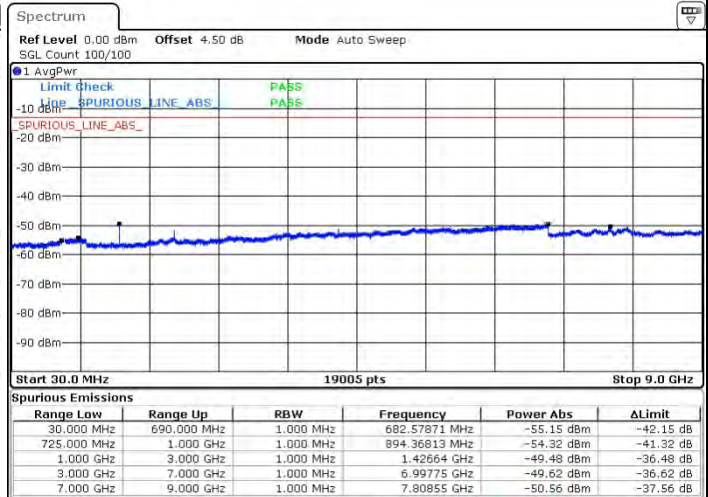
Date: 25.MAR.2015 18:38:00

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.MAR.2015 18:38:43



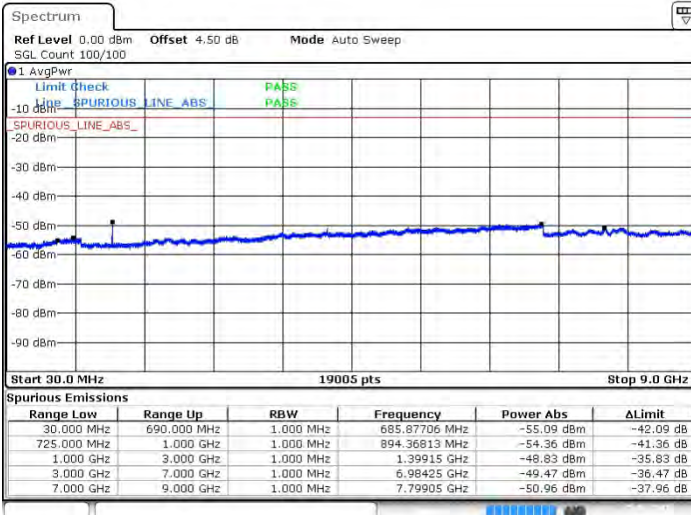
Date: 25.MAR.2015 18:38:21



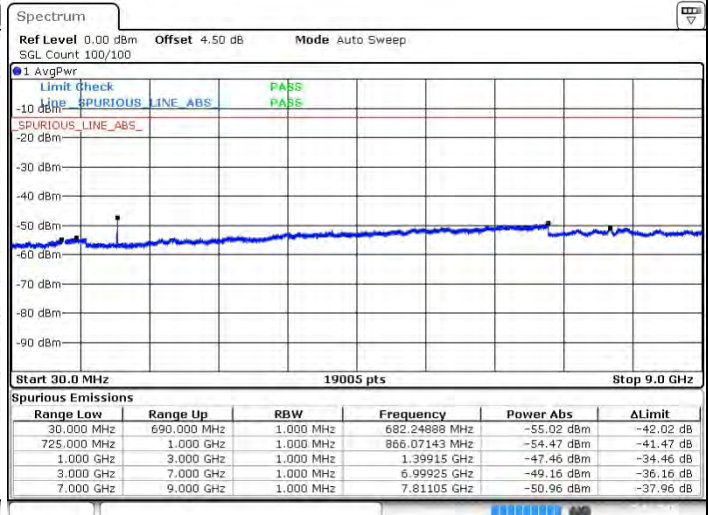
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



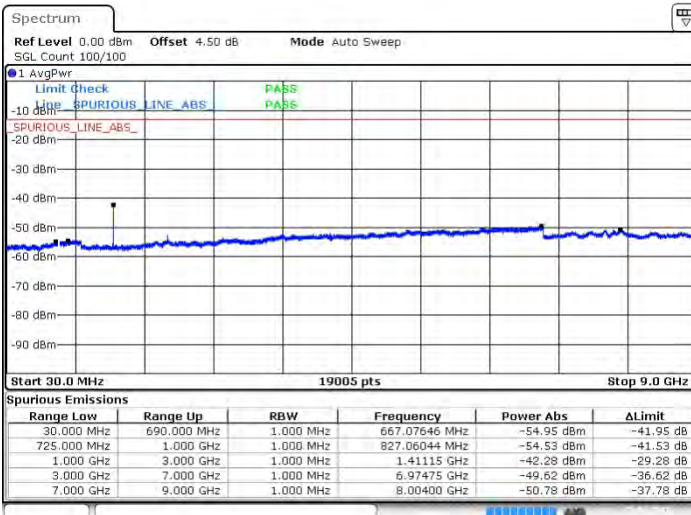
Date: 25.MAR.2015 18:49:52



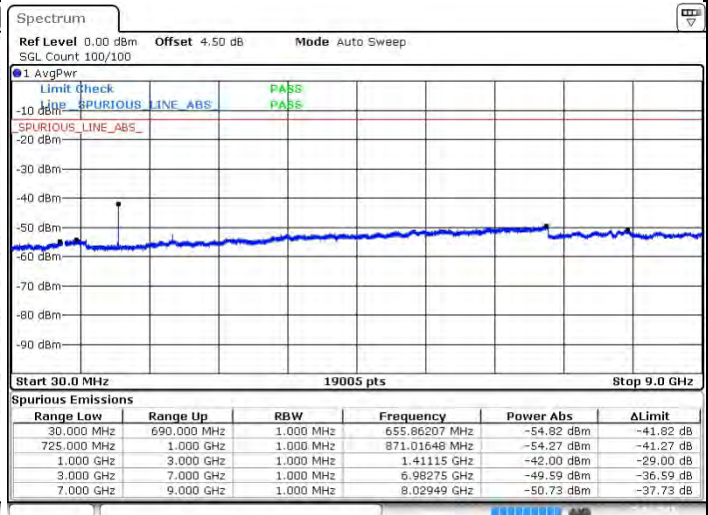
Date: 25.MAR.2015 18:50:14

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25.MAR.2015 18:51:04



Date: 25.MAR.2015 18:50:42

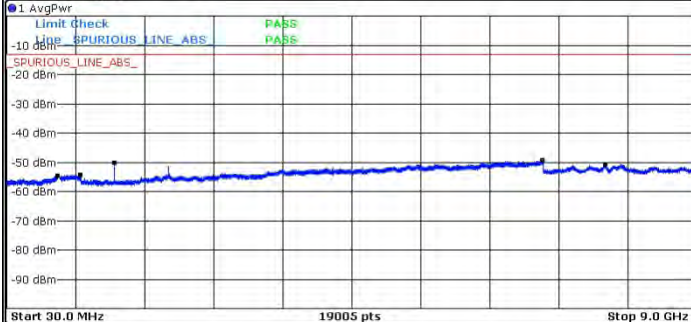


LTE Band 12 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

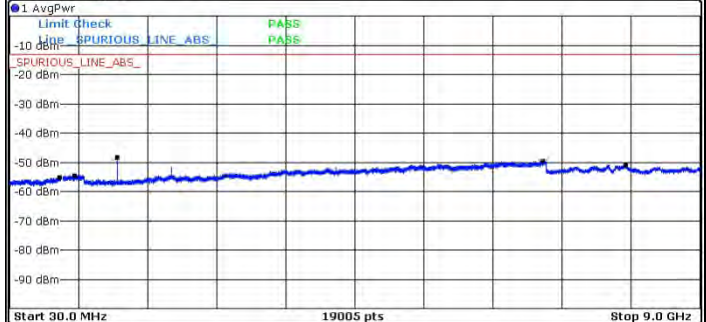
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	684.88756 MHz	-54.77 dBm	-41.77 dB
725.000 MHz	1.000 GHz	1.000 MHz	988.59890 MHz	-54.48 dBm	-41.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-50.17 dBm	-37.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-49.36 dBm	-36.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80455 GHz	-50.86 dBm	-37.86 dB

Date: 25.MAR.2015 18:51:33

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	677.63118 MHz	-55.15 dBm	-42.15 dB
725.000 MHz	1.000 GHz	1.000 MHz	872.66484 MHz	-54.51 dBm	-41.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-48.40 dBm	-35.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95926 GHz	-49.53 dBm	-36.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.03299 GHz	-50.90 dBm	-37.90 dB

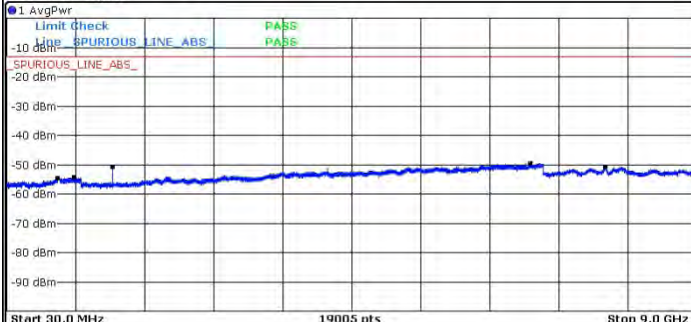
Date: 25.MAR.2015 18:51:55

LTE Band 12 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

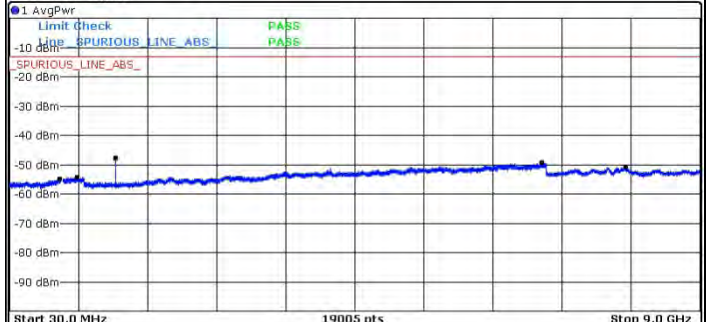
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	689.17541 MHz	-54.72 dBm	-41.72 dB
725.000 MHz	1.000 GHz	1.000 MHz	908.65385 MHz	-54.40 dBm	-41.40 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-50.78 dBm	-37.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83577 GHz	-49.58 dBm	-36.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.81055 GHz	-50.87 dBm	-37.87 dB

Date: 25.MAR.2015 19:02:29

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	676.31184 MHz	-54.86 dBm	-41.86 dB
725.000 MHz	1.000 GHz	1.000 MHz	902.33516 MHz	-54.33 dBm	-41.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-47.66 dBm	-34.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94176 GHz	-49.32 dBm	-36.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.03949 GHz	-50.85 dBm	-37.85 dB

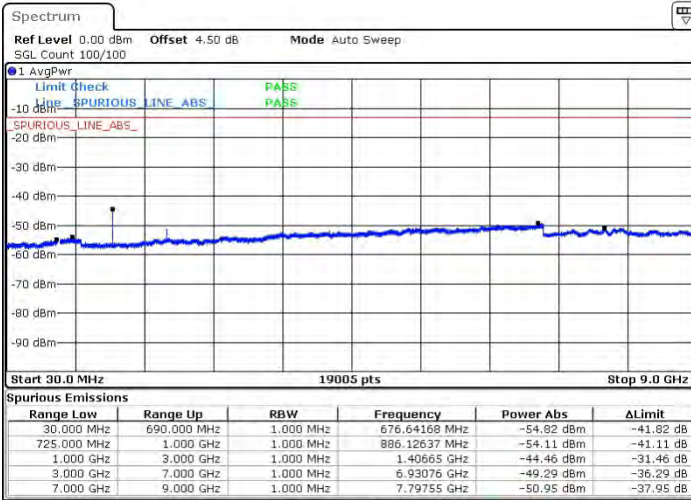
Date: 25.MAR.2015 19:02:50



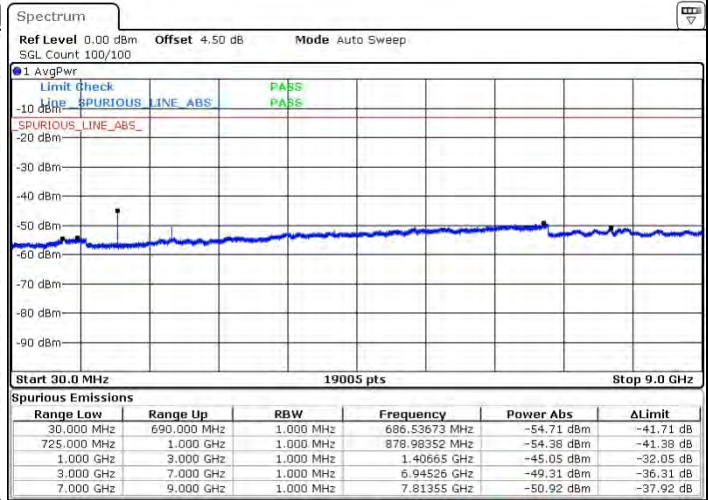
LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



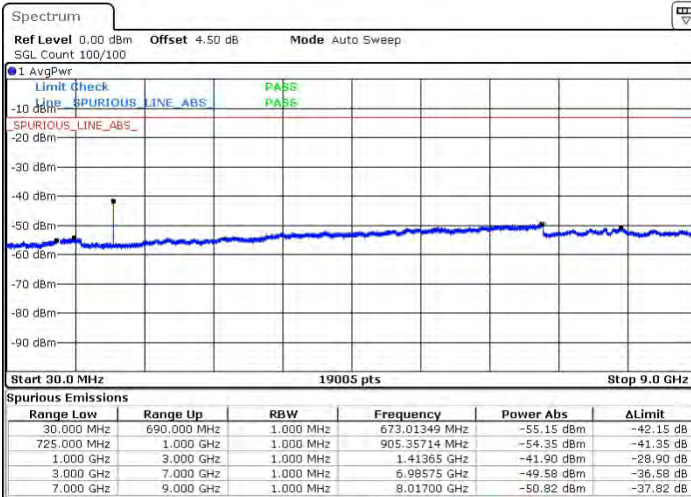
Date: 25.MAR.2015 19:03:33



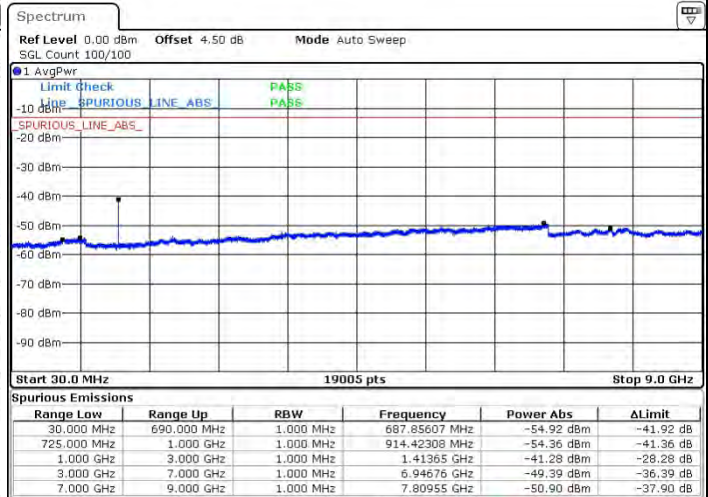
Date: 25.MAR.2015 19:03:12

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.MAR.2015 19:03:55



Date: 25.MAR.2015 19:04:17

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0042	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0053	
0	Normal Voltage	0.0080	
-10	Normal Voltage	0.0073	
-20	Normal Voltage	0.0091	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0053	
20	Normal Voltage	0.0149	
20	Battery End Point	0.0089	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0049	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0155	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0113	
0	Normal Voltage	0.0127	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0170	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0141	
20	Normal Voltage	0.0148	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.99	0.1256	20.09	0.1021
Middle		1	0	20.69	0.1172	20.38	0.1091
Highest		1	0	21.04	0.1271	20.77	0.1194
Lowest	16QAM	1	2	20.49	0.1119	19.67	0.0927
Middle		1	0	20.10	0.1023	19.74	0.0942
Highest		1	2	20.20	0.1047	19.82	0.0959
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	21.05	0.1274	20.15	0.1035
Middle		1	7	20.81	0.1205	20.25	0.1059
Highest		1	14	20.80	0.1202	20.47	0.1114
Lowest	16QAM	1	7	20.25	0.1059	19.27	0.0845
Middle		1	0	19.75	0.0944	19.60	0.0912
Highest		1	7	20.33	0.1079	19.99	0.0998
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.00	0.1259	20.13	0.1030
Middle		1	0	20.79	0.1199	20.38	0.1091
Highest		1	0	21.12	0.1294	20.79	0.1199
Lowest	16QAM	1	12	20.02	0.1005	19.22	0.0836
Middle		1	0	20.09	0.1021	19.54	0.0899
Highest		1	0	20.36	0.1086	19.86	0.0968
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.67	0.1167	19.80	0.0955
Middle		1	49	20.23	0.1054	20.10	0.1023
Highest		1	0	21.06	0.1276	20.73	0.1183
Lowest	16QAM	1	0	20.18	0.1042	19.34	0.0859
Middle		1	24	20.01	0.1002	19.56	0.0904
Highest		1	49	19.66	0.0925	19.07	0.0807
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.73	0.1183	19.88	0.0973
Middle		1	0	20.07	0.1016	19.79	0.0953
Highest		1	74	20.25	0.1059	19.99	0.0998
Lowest	16QAM	1	74	20.32	0.1076	19.79	0.0953
Middle		1	37	20.79	0.1199	20.46	0.1112
Highest		1	0	20.82	0.1208	20.70	0.1175
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.72	0.1180	19.89	0.0975
Middle		1	0	20.76	0.1191	20.25	0.1059
Highest		1	0	20.80	0.1202	20.49	0.1119
Lowest	16QAM	1	0	20.27	0.1064	19.22	0.0836
Middle		1	0	20.28	0.1067	19.83	0.0962
Highest		1	0	20.22	0.1052	20.15	0.1035
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	19.29	0.0849	19.06	0.0805
Middle		1	2	21.62	0.1452	20.67	0.1167
Highest		1	2	21.40	0.1380	20.95	0.1245
Lowest	16QAM	1	5	20.23	0.1054	19.92	0.0982
Middle		1	0	21.77	0.1503	21.34	0.1361
Highest		3	0	20.89	0.1227	20.58	0.1143
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	8	0	20.45	0.1109	20.07	0.1016
Middle		1	0	21.04	0.1271	20.43	0.1104
Highest		1	0	21.32	0.1355	20.86	0.1219
Lowest	16QAM	1	7	20.50	0.1122	20.34	0.1081
Middle		1	0	21.40	0.1380	21.47	0.1403
Highest		8	0	21.82	0.1521	21.41	0.1384
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	0	20.60	0.1148	20.21	0.1050
Middle		1	0	21.03	0.1268	20.69	0.1172
Highest		1	0	21.84	0.1528	20.86	0.1219
Lowest	16QAM	1	12	20.57	0.1140	20.18	0.1042
Middle		1	0	21.78	0.1507	20.97	0.1250
Highest		1	0	21.87	0.1538	21.61	0.1449
Limit	EIRP < 1W			Result		PASS	



LTE Band 4/ 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	0	20.92	0.1236	20.49	0.1119
Middle		1	0	21.34	0.1361	20.42	0.1102
Highest		1	24	21.32	0.1355	20.84	0.1213
Lowest	16QAM	1	24	20.87	0.1222	20.53	0.1130
Middle		1	49	21.71	0.1483	21.24	0.1330
Highest		1	49	22.19	0.1656	21.58	0.1439
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.23	0.1054	19.77	0.0948
Middle		1	0	21.45	0.1396	20.41	0.1099
Highest		1	0	21.88	0.1542	21.33	0.1358
Lowest	16QAM	1	37	21.92	0.1556	21.24	0.1330
Middle		1	74	21.65	0.1462	21.49	0.1409
Highest		1	0	22.48	0.1770	21.73	0.1489
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.35	0.1084	19.73	0.0940
Middle		1	0	21.15	0.1303	21.11	0.1291
Highest		1	0	21.41	0.1384	20.79	0.1199
Lowest	16QAM	1	0	20.47	0.1114	19.99	0.0998
Middle		1	0	21.71	0.1483	21.02	0.1265
Highest		1	0	22.00	0.1585	21.26	0.1337
Limit	EIRP < 1W			Result		PASS	



LTE Band 12 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	18.69	0.0740	4.45	0.0028
Middle		1	2	19.09	0.0811	5.37	0.0034
Highest		1	0	18.85	0.0767	4.51	0.0028
Lowest	16QAM	1	0	19.89	0.0975	5.78	0.0038
Middle		1	0	19.76	0.0946	6.07	0.0040
Highest		1	0	19.19	0.0830	5.20	0.0033
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	8	4	19.21	0.0834	4.67	0.0029
Middle		1	0	18.22	0.0664	4.44	0.0028
Highest		8	4	18.14	0.0652	4.15	0.0026
Lowest	16QAM	8	0	19.28	0.0847	4.93	0.0031
Middle		1	14	19.19	0.0830	5.42	0.0035
Highest		8	0	18.50	0.0708	4.54	0.0028
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	18.77	0.0753	4.49	0.0028
Middle		1	0	18.43	0.0697	4.33	0.0027
Highest		12	6	19.10	0.0813	4.59	0.0029
Lowest	16QAM	1	0	19.57	0.0906	5.11	0.0032
Middle		1	0	18.99	0.0793	4.84	0.0030
Highest		1	12	19.74	0.0942	5.74	0.0037
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	19.60	0.0912	5.10	0.0032
Middle		1	0	19.07	0.0807	4.85	0.0031
Highest		1	0	18.26	0.0670	4.42	0.0028
Lowest	16QAM	1	0	19.58	0.0908	5.20	0.0033
Middle		1	0	19.48	0.0887	5.24	0.0033
Highest		1	0	18.99	0.0793	5.21	0.0033
Limit	ERP < 3W			Result		PASS	



Radiated Spurious Emission



LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-53.68	-13	-40.68	-73.14	-60.3	1.68	8.31	H
	5639	-34.25	-13	-21.25	-59.33	-41.3	2.71	9.76	H
	7515	-49.22	-13	-36.22	-76.59	-58.6	2.42	11.81	H
	9398	-39.23	-13	-26.23	-66.73	-49.2	2.57	12.54	H
	3756	-51.88	-13	-38.88	-72.14	-58.5	1.68	8.31	V
	5639	-27.25	-13	-14.25	-53.18	-34.3	2.71	9.76	V
	7515	-47.22	-13	-34.22	-76.33	-56.6	2.42	11.81	V
	9398	-32.73	-13	-19.73	-63.01	-42.7	2.57	12.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-53.88	-13	-40.88	-74.49	-60.5	1.68	8.31	H
	5639	-35.75	-13	-22.75	-60.81	-42.8	2.71	9.76	H
	7515	-49.02	-13	-36.02	-76.47	-58.4	2.42	11.81	H
	9391	-40.92	-13	-27.92	-68.32	-50.9	2.57	12.54	H
	3756	-52.58	-13	-39.58	-72.97	-59.2	1.68	8.31	V
	5636	-26.45	-13	-13.45	-52.55	-33.5	2.70	9.75	V
	7520	-46.31	-13	-33.31	-75.39	-55.7	2.42	11.81	V
	9391	-35.42	-13	-22.42	-65.51	-45.4	2.57	12.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-54.78	-13	-41.78	-74.39	-61.4	1.68	8.31	H
	5632	-36.05	-13	-23.05	-61.2	-43.1	2.70	9.75	H
	7508	-49.52	-13	-36.52	-76.23	-58.9	2.43	11.80	H
	9391	-40.22	-13	-27.22	-67.84	-50.2	2.57	12.54	H
	3756	-52.48	-13	-39.48	-72.72	-59.1	1.68	8.31	V
	5632	-29.45	-13	-16.45	-55.51	-36.5	2.70	9.75	V
	7508	-45.52	-13	-32.52	-74.38	-54.9	2.43	11.80	V
	9391	-35.02	-13	-22.02	-65.08	-45	2.57	12.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3749	-54.49	-13	-41.49	-73.82	-61.11	1.68	8.30	H
	5625	-40.16	-13	-27.16	-64.81	-47.21	2.70	9.75	H
	7501	-48.84	-13	-35.84	-75.76	-58.21	2.43	11.80	H
	9377	-41.52	-13	-28.52	-68.82	-51.51	2.56	12.55	H
	3749	-52.49	-13	-39.49	-72.6	-59.11	1.68	8.30	V
	5625	-28.86	-13	-15.86	-54.22	-35.91	2.70	9.75	V
	7501	-47.85	-13	-34.85	-76.48	-57.22	2.43	11.80	V
	9377	-36.22	-13	-23.22	-66.13	-46.21	2.56	12.55	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3749	-53.98	-13	-40.98	-73.91	-60.6	1.68	8.30	H
	5618	-39.05	-13	-26.05	63.77	-46.1	2.69	9.75	H
	7494	-50.84	-13	-37.84	-77.72	-60.2	2.43	11.79	H
	9370	-41.31	-13	-28.31	-69.11	-51.3	2.56	12.55	H
	3749	-52.98	-13	-39.98	-73.33	-59.6	1.68	8.30	V
	5618	-30.05	-13	-17.05	-55.77	-37.1	2.69	9.75	V
	7494	-48.44	-13	-35.44	-76.87	-57.8	2.43	11.79	V
	9370	-36.01	-13	-23.01	-66.22	-46	2.56	12.55	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742	-53.49	-13	-40.49	-72.71	-60.1	1.68	8.29	H
	7611	-38.13	-13	-25.13	-62.75	-47.6	2.39	11.87	H
	7487	-50.26	-13	-37.26	-77.45	-59.6	2.43	11.77	H
	9356	-40.80	-13	-27.80	-68.45	-50.8	2.56	12.56	H
	3742	-51.49	-13	-38.49	-71.69	-58.1	1.68	8.29	V
	7611	-29.33	-13	-16.33	-55.35	-38.8	2.39	11.87	V
	7487	-46.76	-13	-33.76	-75.33	-56.1	2.43	11.77	V
	9356	-36.90	-13	-23.90	-66.88	-46.9	2.56	12.56	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-52.77	-13	-39.77	-70.27	-59.01	1.59	7.83	H
	5198	-49.66	-13	-36.66	-62.94	-56.91	2.45	9.70	H
	5927	-46.95	-13	-33.95	-72.93	-53.95	2.87	9.87	H
	8663	-47.87	-13	-34.87	-74.4	-58.02	2.41	12.57	H
	10392	-44.36	-13	-31.36	-73.49	-54.02	2.69	12.36	H
	3462	-47.97	-13	-34.97	-66.99	-54.21	1.59	7.83	V
	5198	-35.77	-13	-22.77	-60.28	-43.02	2.45	9.70	V
	5927	-48.61	-13	-35.61	-75.75	-55.61	2.87	9.87	V
	8663	-48.06	-13	-35.06	-76.79	-58.21	2.41	12.57	V
	10392	-45.15	-13	-32.15	-76.85	-54.81	2.69	12.36	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-53.57	-13	-40.57	-71.2	-59.81	1.59	7.83	H
	5191	-39.56	-13	-26.56	-62.96	-46.81	2.45	9.70	H
	5927	-46.01	-13	-33.01	-72.39	-53.01	2.87	9.87	H
	8656	-48.76	-13	-35.76	-75.17	-58.91	2.41	12.56	H
	10384	-45.45	-13	-32.45	-74.66	-55.11	2.69	12.35	H
	3462	-49.87	-13	-36.87	-68.81	-56.11	1.59	7.83	V
	5191	-35.66	-13	-22.66	-60.14	-42.91	2.45	9.70	V
	5927	-47.61	-13	-34.61	-74.84	-54.61	2.87	9.87	V
	10384	-45.45	-13	-32.45	-77.1	-55.11	2.69	12.35	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-53.52	-13	-40.52	-70.55	-59.76	1.59	7.83	H
	5191	-39.71	-13	-26.71	-62.54	-46.96	2.45	9.70	H
	6920	-47.62	-13	-34.62	-73.12	-55.71	2.62	10.70	H
	8640	-46.97	-13	-33.97	-72.85	-57.12	2.41	12.56	H
	10384	-45.60	-13	-32.60	-74.56	-55.26	2.69	12.35	H
	3462	-49.97	-13	-36.97	-68.31	-56.21	1.59	7.83	V
	5191	-37.53	-13	-24.53	-61.45	-44.78	2.45	9.70	V
	6920	-49.55	-13	-36.55	-76.2	-57.64	2.62	10.70	V
	8649	-49.56	-13	-36.56	-77.67	-59.71	2.41	12.56	V
	10384	-45.17	-13	-32.17	-76.71	-54.83	2.69	12.35	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3455	-53.34	-13	-40.34	-70.34	-59.55	1.59	7.80	H
	5184	-39.99	-13	-26.99	-62.83	-47.25	2.44	9.70	H
	6913	-48.67	-13	-35.67	-74.17	-56.75	2.62	10.70	H
	8642	-48.04	-13	-35.04	-74.02	-58.19	2.41	12.56	H
	10368	-44.96	-13	-31.96	-73.85	-54.61	2.69	12.35	H
	3455	-50.70	-13	-37.70	-69.02	-56.91	1.59	7.80	V
	5184	-38.67	-13	-25.67	-62.6	-45.93	2.44	9.70	V
	6913	-49.78	-13	-36.78	-76.42	-57.86	2.62	10.70	V
	8642	-49.71	-13	-36.71	-78.89	-59.86	2.41	12.56	V
	10368	-44.48	-13	-31.48	-75.95	-54.13	2.69	12.35	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3448	-54.43	-13	-41.43	-72.09	-60.61	1.59	7.77	H
	5177	-41.33	-13	-28.33	-64.59	-48.59	2.44	9.70	H
	6906	-46.74	-13	-33.74	-75.87	-54.81	2.62	10.69	H
	8628	-49.16	-13	-36.16	-75.84	-59.31	2.40	12.55	H
	10352	-44.74	-13	-31.74	-73.86	-54.39	2.69	12.34	H
	3448	-49.84	-13	-36.84	-68.71	-56.02	1.59	7.77	V
	5177	-37.85	-13	-24.85	-62.28	-45.11	2.44	9.70	V
	6906	-48.94	-13	-35.94	-76.29	-57.01	2.62	10.69	V
	8628	-49.16	-13	-36.16	-77.99	-59.31	2.40	12.55	V
	10352	-45.46	-13	-32.46	-77.07	-55.11	2.69	12.34	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3448	-55.13	-13	-42.13	-72.72	-61.31	1.59	7.77	H
	5170	-42.04	-13	-29.04	-65.49	-49.31	2.43	9.70	H
	6892	-47.16	-13	-34.16	-73.33	-55.21	2.63	10.67	H
	8621	-49.87	-13	-36.87	-76.58	-60.02	2.40	12.55	H
	10344	-44.69	-13	-31.69	-73.68	-54.33	2.69	12.34	H
	3448	-51.15	-13	-38.15	-70.15	-57.33	1.59	7.77	V
	5170	-38.39	-13	-25.39	-62.93	-45.66	2.43	9.70	V
	6892	-49.26	-13	-36.26	-76.48	-57.31	2.63	10.67	V
	8621	-49.96	-13	-36.96	-78.72	-60.11	2.40	12.55	V
	10344	-45.47	-13	-32.47	-77.05	-55.11	2.69	12.34	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1416	-55.56	-13.00	-42.56	-65.60	-57.31	0.87	4.78	H
	2120	-58.07	-13.00	-45.07	-71.77	-59.01	1.17	4.26	H
	2816	-59.71	-13.00	-46.71	-76.39	-61.82	1.39	5.65	H
	1416	-59.27	-13.00	-46.27	-69.26	-61.02	0.87	4.78	V
	2120	-58.87	-13.00	-45.87	-74.19	-59.81	1.17	4.26	V
	2816	-58.42	-13.00	-45.42	-76.34	-60.53	1.39	5.65	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408	-54.41	-13.00	-41.41	-64.28	-56.12	0.87	4.73	H
	2120	-59.37	-13.00	-46.37	-73.06	-60.31	1.17	4.26	H
	2816	-59.71	-13.00	-46.71	-76.41	-61.82	1.39	5.65	H
	1408	-59.65	-13.00	-46.65	-69.76	-61.36	0.87	4.73	V
	2120	-59.87	-13.00	-46.87	-75.22	-60.81	1.17	4.26	V
	2816	-58.55	-13.00	-45.55	-76.50	-60.66	1.39	5.65	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408	-58.58	-13.00	-45.58	-68.56	-60.29	0.87	4.73	H
	2112	-59.49	-13.00	-46.49	-73.31	-60.41	1.17	4.24	H
	2816	-59.71	-13.00	-46.71	-76.54	-61.82	1.39	5.65	H
	1408	-61.43	-13.00	-48.43	-71.36	-63.14	0.87	4.73	V
	2112	-59.61	-13.00	-46.61	-75.07	-60.53	1.17	4.24	V
	2816	-58.62	-13.00	-45.62	-76.54	-60.73	1.39	5.65	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1408	-56.07	-13.00	-43.07	-65.82	-57.78	0.87	4.73	H
	2112	-58.84	-13.00	-45.84	-72.43	-59.76	1.17	4.24	H
	2816	-60.02	-13.00	-47.02	-76.62	-62.13	1.39	5.65	H
	1408	-54.95	-13.00	-41.95	-64.92	-56.66	0.87	4.73	V
	2112	-58.49	-13.00	-45.49	-74.04	-59.41	1.17	4.24	V
	2816	-58.67	-13.00	-45.67	-76.41	-60.78	1.39	5.65	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.